

Eky Syafputra

Luxury Resort Engineering Leadership | Director of Engineering | Chief Engineer

Tanjung Pinang, Kepulauan Riau, Indonesia

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PROFESSIONAL SUMMARY

Engineering executive with more than 17 years of progressive leadership experience managing engineering operations across luxury resorts, integrated hospitality destinations, private islands, and large-scale facility portfolios.

Experienced in leading engineering strategy, asset management, preventive maintenance, CAPEX planning, energy optimization, engineering governance, sustainability initiatives, and critical infrastructure supporting world-class guest experiences.

Successfully led multidisciplinary engineering teams of up to 57 associates while partnering with General Managers and executive leadership to improve operational performance, maximize asset reliability, reduce operating costs, and strengthen engineering standards across multiple hospitality assets.

Career experience spans internationally recognized luxury hospitality brands including Banyan Group and Accor, as well as award-winning independent luxury island resorts.

Additional entrepreneurial experience includes founding an engineering technology company specializing in IoT-based Energy Management Systems, hotel energy optimizations, and engineering consultancy.

Seeking an executive engineering leadership role within an international luxury hospitality organization where operational excellence, engineering innovation, sustainability, and asset stewardship create long-term value.

EXECUTIVE STRENGTHS

Executive Leadership

- Multi-Property Engineering Operations
- Executive Committee Leadership
- Strategic Planning
- Engineering Governance
- Business Continuity
- Change Management
- Talent Development
- Succession Planning

Engineering Operations

- Mechanical, Electrical & Plumbing
- HVAC & Chiller
- Diesel Power Generation
- Water Treatment
- Reverse Osmosis Plants
- Sewage Treatment Plants
- Fire & Life Safety Systems
- Kitchen & Laundry Equipment
- Swimming Pools
- Building Automation

Asset Management

- Preventive Maintenance
- Predictive Maintenance
- Asset Lifecycle Management
- CMMS

Financial Management

- Budget Planning
- OPEX
- CAPEX
- Utility Cost Optimization

- Reliability Engineering
- CAPEX Planning
- Contractor Management
- Energy Management
- Procurement

Sustainability

- ESG
- Renewable Energy
- Carbon Reduction
- Wastewater Reuse
- Waste Management
- Water Conservation

CAREER HIGHLIGHTS

- More than 17 years of luxury hospitality engineering leadership.
- Director of Engineering responsible for a multi-property luxury resort portfolio including villas, hotel, golf course and recreational facilities.
- Successfully managed engineering operations supporting 363 guestrooms and villas plus an 18-hole championship golf course.
- Led multidisciplinary engineering workforce of 57 associates.
- Delivered 30–35% reduction in diesel consumption through energy management optimization.
- Delivered 11% reduction in electricity consumption through improvement of energy usage, time schedules and reviewing existing utilities operations effectiveness.
- Extensive experience operating self-sufficient island infrastructure, including diesel power generation, desalination, wastewater treatment and environmental protection systems.
- Successfully delivered pre-opening engineering operations for luxury integrated villa resorts.
- Founder and developer of a proprietary IoT-based Energy Management System for hospitality applications.
- Strong background supporting executive leadership through engineering strategy, budget planning, CAPEX delivery, sustainability, and operational excellence.

PROFESSIONAL EXPERIENCE

Banyan Group – Laguna Bintan

Director of Engineering

Bintan, Indonesia | June 2025 – Present

Reporting Line:

- General Manager
- Assistant Vice President Engineering

Property Profile:

Four hospitality assets comprising 363 guestrooms/villas, four distinct operations, and an 18-hole championship golf course.

1. Banyan Tree Bintan
 - ★★★★★ Luxury All-Villa Resort
 - Official website: <https://www.banyantree.com/indonesia/bintan>
 - 74 Villas combination of Pool Villas and Jacuzzi Villas
 - 4 Restaurants & Bars
 - Facilities include spa, public swimming pool, water activities
2. HOMM Laguna Bintan (formerly Angsana Bintan)
 - ★★★★★ Family-oriented beachfront resort
 - Official website: <https://www.hommhotels.com/hotels/homm-laguna-bintan>
 - 109 rooms and suites facing the private beach
 - Two FB outlets
 - 16 treatment room Spa
 - One public Swimming pool
 - Kids club
 - Fitness facilities
 - Meeting facilities
 - Marine activities
3. CASSIA Bintan
 - ★★★★★ Blends 5-star apartment-style comfort with resort amenities
 - Official website: <https://www.cassia.com/indonesia/cassia-bintan>
 - 180 rooms
 - One FB Outlet
 - Private Beach
 - Beach Club
 - Kids club
4. Laguna Golf Bintan
 - Official website: <https://www.lagunagolfbintan.com/>
 - Par: 72
 - Area: 60 hectares (approx. 148 acres) of tropical paradise

Executive Responsibilities

- Provide strategic leadership for Engineering operations supporting multiple luxury beachfront and rainforest resorts and golf.
- Lead a multidisciplinary engineering workforce of 57 associates across mechanical, electrical, civil, HVAC, utilities, and landscape disciplines.
- Partner with General Managers to develop engineering strategies aligned with operational excellence, guest satisfaction, sustainability, and financial objectives.
- Drive continuous improvement initiatives resulting in a 30–35% reduction in diesel consumption while maintaining uninterrupted critical infrastructure.
- Direct annual CAPEX planning, engineering budgets, contractor management, and long-term asset protection programmes.
- Champion ESG initiatives, preventive maintenance standards, and engineering innovation across the resort portfolio.

Reasons for leaving;

Seeking an opportunity to contribute my experience within a larger international luxury resort environment where I can lead engineering operations at greater scale while continuing to develop my international hospitality career.

Nikoi Private Island

Head of Island Engineering Operations (Senior Chief Engineer)

Bintan Regency, Indonesia | November 2018 – June 2025

Property Profile:

Luxury Private Island Resort

1. Nikoi Private Island
 - ★★★★★ Luxury All-Villa Resort
 - Official website: <https://www.nikoi.com/>
 - Three FB outlets
 - Outdoor Public Swimming pool
 - 20 private Villas
2. Cempedak Private Island
 - ★★★★★ Luxury All-Villa Resort
 - Official website: <https://www.cempedak.com/>
 - Three FB outlets
 - Private swimming pool and one Outdoor Public Swimming pool
 - 20 private Villas

Engineering Scope

- Remote island operations.
- Self-sufficient infrastructure.
- Sustainability.
- Independent utilities.
- Environmental protection.

Responsibilities & Achievements

- Built a self-sustaining island engineering operation integrating renewable energy, water treatment, wastewater recycling, and waste management.
 - Delivered significant reductions in utility costs while maintaining zero guest-impacting infrastructure failures.
 - Developed preventive maintenance programmes that increased equipment reliability and extended asset life.
 - Led engineering projects supporting operational growth, sustainability certification, and enhanced guest experiences.
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Sodexo Indonesia

Facility Manager / Project Manager

Jakarta, Indonesia | December 2016 – October 2018

Facility service Company

Official Website: <https://id.sodexo.com/>

Clients;

- Schlumberger – integrated base.
 - Official Website: <https://www.slb.com/>
 - Facility Maintenance
 - Skilled worker provider
 - Housekeeping service
 - Food Service
- IFF Indonesia – manufacturing Facility
 - Official Website: <https://www.iff.com/>
 - Facility Maintenance
 - Front desk service
 - Housekeeping service
 - Food Service

Responsibilities & Achievements

- Managed facility operations, maintenance services, and technical projects across multiple client locations.
- Delivered infrastructure improvement projects focused on reliability, efficiency, and cost optimization.
- Managed contractors, technical teams, and project execution.
- Implemented structured maintenance planning and operational improvement programs.

PT Cakrawala Sinar Sentosa

Co-Founder & Engineering Consultant

Bintan Island, Indonesia | July 2015 – December 2016

Company Profile:

Engineering consultancy and technology startup focused on energy efficiency, automation, and facility engineering solutions for the hospitality sector.

Key Responsibilities & Achievements

- Co-founded and established the company, defining business strategy and engineering service offerings.
- Designed and developed an IoT-based Energy Management System incorporating custom controllers, monitoring dashboards, and remote energy analytics.
- Delivered energy efficiency assessments and technical consultancy for hotel engineering operations.
- Led project planning, client engagement, procurement, and technical implementation.
- Supported the company's transition toward general contracting before pursuing a return to full-time hospitality engineering leadership.

Technical Advisor (Part-Time / Remote)**Independent Engineering Consultant**

Indonesia | July 2015 – Present

Scope:

Provide remote technical advisory services to contractors and engineering firms supporting hospitality and commercial facility projects.

Contractors:

- CV. Mitra Perkasa Bintan – Bintan Island, Indonesia
- PT. Cakrawala Sinar Sentosa – Bintan Island, Indonesia
- PT. Bintan Sarana Orbit – Bintan Island , Indonesia
- PT. Batam Electric Solusindo – Batam island, Indonesia

Key Responsibilities

- Support troubleshooting of MEP systems and facility infrastructure.
- Provide guidance on energy optimization, maintenance strategy, and engineering best practices.
- Advise on IoT-based energy monitoring and building performance improvement initiatives where applicable.
- Advise on renewable energy utilization/installation and optimization.

Montigo Resorts Batam**Director of Engineering (Promoted from Assistant Director of Engineering)**

Batam, Indonesia | August 2012 – July 2015

Property Profile:

Luxury Villa Resort | Pre-Opening Experience

- ★★★★★ Luxury All-Villa Resort
- Official Website: <https://nongsa.montigoresorts.com>
- Total accommodation components:
 - 88 Two-Bedroom Private Villas with private swimming pool
 - 85 Studio Residences with private swimming pool
 - 23 Multi-Bedroom Residences with private swimming pool
- Four FB outlet
- Other facilities
 - Montigo Wellness / Spa
 - Two Public outdoor Swimming pools
 - Kids Club
 - Beach Club
 - Water activities
 - Meeting and event facilities
 - Fitness facilities
 - Extensive landscaping and outdoor areas

Responsibilities & Achievements

- Established engineering department operations during resort pre-opening phase.
- Led commissioning, testing, and handover of MEP systems and resort infrastructure.
- Developed engineering SOPs, preventive maintenance programs, and operational standards.
- Managed HVAC, electrical, plumbing, water systems, and villa engineering requirements.
- Supported successful transition from construction phase into operational operations.

Novotel Bogor Golf Resort & Convention Center

Chief Engineer

Bogor, Indonesia | October 2011 – August 2012

Property Profile:

Resorts and Convention Center

- ★★★★★ Resort
- Official Website: <https://www.novotelbogor.com/>
- 180 room keys
- 16 Function room
- Kids club
- Three FB outlet
- One public swimming pool

Responsibilities

- Managed daily hotel engineering operations covering HVAC, electrical, plumbing, and life safety systems.
- Developed preventive maintenance procedures.
- Managed technical teams, contractors, and service providers.
- Supported energy conservation and operational efficiency initiatives.

Bintan Resort Cakrawala, PT

Building and Utility Maintenance Engineer

Bintan, Indonesia | July 2008 – October 2011

Company Profile:

Official Website: <https://bintanresortcakrawala.com>

PT Bintan Resort Cakrawala is the operational arm of Bintan Resorts International and a subsidiary of Gallant Venture Ltd, a Singapore-listed company. BRC is responsible for the master planning, operation, infrastructure management, utilities, township services, estate management, and destination development of Bintan Resorts, an integrated tourism destination spanning approximately 18,000 hectares on the northern coast of Bintan Island. The destination includes internationally branded resorts, golf courses, ferry terminal operations, residential townships, and critical public infrastructure.

Engineering Scope

Supported the maintenance and reliability of buildings, physical infrastructure, and utility systems serving an integrated resort destination, including operational facilities, staff accommodation, township infrastructure, and public service buildings.

Key Responsibilities

- Led the Mechanical and Electrical maintenance team responsible for daily maintenance of administrative buildings, operational facilities, staff accommodation, and township infrastructure.
- Planned and supervised preventive and corrective maintenance programs for electrical and mechanical systems.
- Coordinated maintenance activities across buildings supporting resort operations and essential public services.
- Maintained low voltage electrical distribution systems, lighting, water supply infrastructure, plumbing, HVAC equipment, pumps, and building utilities.
- Coordinated with utility departments and contractors to minimize service disruptions and ensure operational continuity.
- Participated in facility inspections, condition assessments, and infrastructure improvement projects.
- Supported compliance with workplace safety standards and engineering maintenance procedures.
- Assisted in maintaining engineering documentation, maintenance records, and asset history.

Citranuansa Bahana CV

Electrical Engineer & Junior Electrical Consultant

July 2006 – April 2008

Company Profile

Engineering consultancy specializing in facility engineering, building maintenance, and infrastructure management services for institutional and commercial facilities.

Client Portfolio

Dr. M. Djamil General Hospital – Padang

Official Website: [RSUP Dr. M. Djamil Padang](#)

One of Indonesia's largest government referral teaching hospitals, providing tertiary healthcare services and complex medical facilities.

Key Responsibilities

- Assisted senior engineering consultants in delivering facility engineering and maintenance consultancy services for hospital infrastructure.
- Supported the operation, inspection, and maintenance planning of electrical systems serving non-medical facilities.
- Conducted electrical inspections, equipment condition assessments, and technical evaluations.
- Assisted in preparing technical reports, maintenance recommendations, and engineering documentation.
- Supported preventive maintenance planning to improve system reliability and operational continuity.

- Coordinated with hospital engineering personnel and contractors during maintenance and repair activities.
- Assisted in ensuring electrical systems complied with applicable engineering standards and operational requirements.

Executive Portfolio Summary

- Luxury Hospitality Experience: 17+ years
- Luxury Brands: Banyan Group, Accor, Montigo Resorts
- Properties Led: Multi-property luxury resort portfolio including hotels, all-villa resorts, serviced residences, private islands, golf course, and integrated recreational facilities
- Accommodation Managed: Approximately 690+ rooms, suites, villas, and serviced residences across career roles
- Engineering Team Leadership: Up to 57 associates
- Resort Infrastructure: Diesel power generation, RO plants, STP, HVAC, electrical distribution, fire & life safety, swimming pools, golf course infrastructure, utilities, marine facilities
- Special Expertise: Private island engineering, sustainability, energy optimization, IoT energy management, CAPEX planning, asset protection

EDUCATION

Bachelor Degree in Electrical Engineering

Bung Hatta University

West Sumatra, Indonesia

ADDITIONAL INFORMATION

Nationality: Indonesian

Languages:

- English (Professional Working Proficiency)
- Bahasa Indonesia (Native)

Passport: Valid Indonesian Passport