

Rangga Noer Rachman

IT Consultant

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ABOUT ME

Dynamic Business Administration graduate with 8 years of IT experience across the oil & gas and healthcare industries, currently working as an IT Developer with expertise in backend, frontend, and UI/UX development. Starting as a Junior Database Engineer, I have progressed across database, backend, frontend, and product development roles.

I specialize in developing internal business applications, automating workflows, building dashboards and reports, data visualization, and AI-powered solutions to improve productivity and data-driven decision-making.

I am seeking opportunities as a Business Analyst, Data Analyst, IT Business Partner, or in Marketing, where I can combine technology, data, and business process expertise to deliver impactful solutions.

HIGHLIGHTED SKILLS

- **SQL Database:**
MSSQL, Oracle, PostgreSQL
- **Business Intelligence:**
Power BI, Metabase, Google Chart, Highchart, Tableau
- **UI / UX:**
Figma
- **AI Tools:**
AntiGravity

PROGRAMMING LANGUAGE

- SQL – Advanced
- HTML CSS – Advanced
- Java Script – Intermediate

PROJECT MANAGEMENT

- ClickUp, Zoho Bugstracker, Jira and Teams

EXPERIENCES

Pertamina Hulu Mahakam (Balikpapan) | Jan – Aug 2026

Business Analyst

(under PT Horizon Perdana Internasional)

- Gathered and analyzed business requirements for multiple internal applications and data management systems.
- Led requirement collection for systems including Contract Management & Monitoring, Daily Geological Reporting, Production Data Management, and Data Directory Management.
- Translated business needs into clear functional and technical specifications for development teams.
- Created project timelines, Gantt charts, and managed workflows using Kanban and Milestone driven methodology.
- Managed stakeholder expectations by facilitating communication between business users and technical teams.
- Monitored project progress, identified risks, and ensured timely delivery of project milestones.

Pertamina Hulu Mahakam (Balikpapan) | Mar – Oct 2024

Power BI Developer – Project Based

(under PT Horizon Perdana Internasional)

- Collaborated with petrophysics data management team to gather requirements and understand business needs, translating them into effective data visualization solutions.
- Designed and developed robust data sets from the data warehouse to serve as reliable sources for Power BI reports and dashboards, supporting daily production tracking, forecasting, and gain-loss analysis.
- Developed automated workflows to streamline data transfer from spreadsheets to databases and integrated the data into Power BI dashboards for real-time reporting and analysis.
- Designed Power BI visualizations and dashboards customized to meet company business requirements and support business analysis.
- Optimized data models and queries to improve performance and ensure data accuracy.
- Conducted training sessions for end-users to enhance their understanding of Power BI tools and best practices.

iSmartOffice™ – Healthcare IT Company based in Chicago, Illinois (Remote) | Aug 2019 – Present

Backend Developer

- Collaborated with QA Engineers to identify and resolve issues and bugs reported by users.
- Developed and validated test routines and schedules to ensure product quality.
- Created wireframes and designed user interfaces using Figma to make apps and websites intuitive and visually appealing.
- Developed, maintained, and enhanced product features, including Patient Appointment/Booking, Web Payment, Patient Assessment, and Health Records.
- Evaluated code for compatibility across various browsers, devices, and operating systems (iOS and Android).
- Created and managed team report dashboard.
- Oversaw app distribution and publication on the App Store and Google Play Store.

PGN Saka Energi (Jakarta) | Sep 2017 – Present

Database Engineer & Web Dev – Project Based (Monthly - Remote Support)

(under PT Horizon Perdana Internasional)

- Developed databases, stored procedures, and SQL Server Integration Services (SSIS) packages to perform ETL processes, integrating data from transaction systems into the reporting environment.
- Designed and developed a web portal to facilitate user-upload of financial and inventory data.
- Created a dashboard within the web portal to enable users to monitor financial data effectively.
- Coordinated with the finance team, SAP team, and project manager to prepare and validate the company's monthly financial & inventory data reports.

Pertamina EP Cepu (Jakarta) | Dec 2022 – Apr 2023

Power BI Developer – Project Based

(under PT Horizon Perdana Internasional)

- Collaborated with commercial, finance & drilling development team to gather requirements and understand business needs, translating them into effective data visualization solutions.
- Designed and developed data sets from database serving as reliable data sources for Power BI reports and dashboards.
- Designed Power BI visualizations and dashboards customized to meet company business requirements and support business analysis.

Pertamina EP Cepu (Jakarta) | Mar – Nov 2022

Web & Mobile App Developer – Project Based

(under PT Horizon Perdana Internasional)

- Developed a Web API for transferring, loading, and retrieving Daily Drilling Report (DDR) data from the database to the Mobile Apps Dashboard.

- Designed and implemented a web portal to facilitate user submission of Daily Drilling Reports, Seismic Survey Activity Reports, and Monitoring Data.

Petronas (Jakarta) | Jun – Dec 2022

Web Developer – Project Based

(under PT Horizon Perdana Internasional)

- Designed and developed a web portal to enable users to submit and track Portable Electrical Equipment and Temporary Installation (PETI) data records.
- Collaborated with the database engineer to assist in database creation and optimization.

PT Horizon Perdana Internasional | Jul 2018 – Jun 2019

Database Engineer

- Successfully developed a company product to manage daily drilling report data via web application.
- Built dashboards transforming tabular data into visual formats using Google Charts and Highcharts.

SKK MIGAS (Jakarta) | Oct – Dec 2017

Jr. Database Engineer – Project Based

(under PT Horizon Perdana Internasional)

- Mapped seabed surface data from Schlumberger ProSource Database into PPDM 3.8 Database.
- Tested, validated, and resolved issues related to seabed survey data mapping.

EDUCATION

- **Univesitas Padjadjaran**
Bachelor of Business Administration – Marketing Studies (GPA: 3.19 / 4.00)

CERTIFICATION

- **Introduction to SQL SSRS, JasperReports and Database Troubleshooting – 2017**
 - **Java Script & Framework7 Introduction – 2023**
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