

M. Yusuf R.

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Delivering actionable insights and scalable solutions through a combined 10+ years of data analytics and backend engineering expertise. I specialize in leading critical transitions, such as migrating products from Node.js and Python 2 to fully Python 3, and optimizing workflows by integrating CI/CD pipelines with multi-channel notifications for deployment visibility. Proficient in Python, Node.JS, SQL, AWS, Kubernetes, and Google Cloud, I automate processes, build resilient systems, and turn complex data into business-driving decisions that improve productivity and efficiency.

PROFESSIONAL EXPERIENCE

PT. TUMBUH BERSAMA NANO (NANOVEST)

Business Intelligence / Data Analyst

Jakarta, ID

Jan 2022–Present

- Collaborated with the Head of Business Intelligence to deliver data-driven strategies, reducing project turnaround times by 10+ hours weekly across cross-functional teams.
- Conducted Exploratory Data Analysis (EDA) to uncover key trends and provide actionable insights, improving product and campaign outcomes.
- Automated regulatory reporting for BAPPEBTI and OJK, ensuring compliance with AML and CTF standards while reducing manual workload by 70%.
- Developed dashboards and reports to monitor crypto trading activities, streamlining compliance and performance tracking.

PT. ASSEMBLR TEKNOLOGI INDONESIA (ASSEMBLR)

Backend Developer

Bandung, ID

Jun 2020–Jan 2022

- Migrated backend systems from Node.js to Python, enhancing system efficiency and compatibility.
- Optimized Kubernetes projects on GKE, achieving a 65% reduction in infrastructure usage.
- Spearheaded the migration from Google Cloud to AWS, reducing cloud costs by 20% and improving system performance.
- Automated repository issue management and integrated notifications into Discord, increasing developer productivity by 30%.

PT. INSURA MEDIA SOLUSI

Backend Developer

Jakarta, ID

Jul 2020–Jun 2021

- Maintained backend systems for a leading B2B insurance provider, optimizing legacy systems for better performance.

- Conducted detailed code reviews and optimizations to maintain high development standards.

JUBLIA PTE. LTD.

Backend Developer

Yishun, SG

Nov 2019–Jul 2020

- Technical operations on a biweekly schedule, implementing customized needs for various customers.
- Comprehensive end-to-end code maintenance on legacy systems, significantly optimizing response times with a 100-300ms standard across multiple platforms and products.
- Implemented minor features to enhance product functionality.
- Enacted secondary testing and validation on features created by primary developers to ensure quality and alignment with project requirements.

PT. NAWA DARSANA TEKNOLOGI

Data Scientist

Jakarta, ID

Apr 2019–Oct 2019

- Designed object detection models for oil palm tree fruit classification, optimizing harvest processes.
- Developed face recognition systems for attendance tracking, increasing operational efficiency.
- Engineered safety monitoring solutions for oil and gas companies using computer vision.

PT. NAWA DARSANA TEKNOLOGI

Backend Developer

Jakarta, ID

Aug 2017–Apr 2019

- Designed a backend system for demand forecasting applications, improving data processing accuracy.
- Integrated chatbot middleware with SAP-based HRIS systems, streamlining communication and automation.
- Coordinated technical requirements and solutions across multiple business units.

CodePolitan

Intern

Bandung, ID

Jul 2016–Oct 2016

- Authored tutorial articles on CodeIgniter 3.
- Developed a statistical dashboard for website insights.

EDUCATION

UNIVERSITAS BINA NUSANTARA (Online)

Bachelor of Computer Science

Jakarta, ID

2018–2022

LICENSES & CERTIFICATIONS

[Career Essentials in Data Analysis](#)

Microsoft, Power BI, LinkedIn

[Career Essentials in GitHub Professional Certificate](#)

GitHub, LinkedIn

[Python for Finance](#)

LinkedIn

[Exam 768: Developing SQL Data Models](#)

Microsoft

SKILLS

1. Technical Skills

- Programming Languages: Python, Go, Node.js, SQL
- Cloud Platforms: Amazon Web Services (AWS), Google Cloud Platform (GCP)
- Frameworks & Tools: Kubernetes, Docker

2. Data Skills

- Data Analysis: Exploratory Data Analysis (EDA), Data Analysis,
- Data Engineering: Automation, Code Migration, Repository Management

3. Development Skills

- Backend Development: Backend Development, Middleware Development, Feature Implementation
- Performance: Performance Optimization, Cost Optimization
- Code Management: Code Housekeeping, CI/CD

4. Domain-Specific Skills

- Crypto: Crypto Regulatory Reporting

Contact me for more details.