

ROJAK KURNIAWAN

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Serang, Indonesia

Informatics student with experience in Cloud Computing and Backend Development, skilled in deploying and managing applications on Google Cloud Platform (GCP) and Amazon Web Services (AWS). Proficient in building RESTful APIs with clean architecture, managing databases MySQL, MongoDB, Redis, and implementing secure authentication, while also experienced in Docker, CI/CD pipelines, and cloud service integration. Passionate about delivering scalable, reliable, and secure systems while continuously expanding expertise in cloud and DevOps.

EXPERIENCE

Pintartek Indonesia - Indonesia

Sep 2025 – Present

Back-End Engineer Intern

Pintartek Inovasi Digital is an Indonesian software company offering custom app, web, and AI solutions.

- Built a unified API endpoint that allows B2B clients to access multiple AI capabilities through a single integration.
- Refactored and redesigned backend logic into reusable, modular functions to replace the previous one-by-one implementation.
- Improved backend efficiency and maintainability by delivering cleaner architecture and smoother AI integration workflows.

Orbit Future Academy - Indonesia

Jul 2025 – Oct 2025

AWS re/Start 12 Student

Orbit Future Academy is a digital training institution in Indonesia partnered with AWS re/Start to develop cloud talent.

- Currently undertaking a 12-week full-time training focused on cloud foundations, Linux, networking, security, Python programming, and databases.
- Gained hands-on experience with AWS core services including EC2, S3, RDS, VPC, IAM, Lambda, CloudFormation, and CloudWatch.
- Practicing DevOps workflows including Infrastructure as Code, automation, monitoring, and troubleshooting in cloud environments.
- Engaging in labs to design and deploy scalable, secure, and automated solutions on AWS.

dibimbing.id - Indonesia

Mar 2025 – Sep 2025

Backend Developer Student Bootcamp

dibimbing.id is a career development platform offering a practical, structured Golang Back-End Bootcamp.

- Learning and practicing backend development with Golang, covering fundamentals, OOP, data structures, concurrency, and clean architecture.
- Building and testing RESTful APIs with CRUD operations, authentication, and middleware using Golang, MySQL, and Postman.
- Exploring database design and optimization, including SQL, NoSQL (MongoDB), Redis caching, and scalable query performance.
- Built Ticert (concert ticketing system) and DocBook (doctor booking system), applying concepts of authentication, scheduling, and real-time booking management.

Bangkit Academy - Indonesia

Sep 2024 – Jan 2025

Cloud Computing Cohort

Bangkit Academy is a tech talent program by Google, GoTo, and Traveloka focused on machine learning, mobile, and cloud.

- Gain hands-on experience with Google Cloud services, including Compute Engine, Cloud Networking, Load Balancing, Containerization and Terraform for Infrastructure as Code.
- Develop and implement RESTful APIs using Node.js & Express, following a clean architecture for a maintainable backend system.
- Implement Docker to containerize applications and provide scalable deployment on Google Cloud Platform.
- Deploying pre-trained prediction models using TensorFlow on Google Cloud Run.
- Completed the final DermaSeer project, which integrated backend services with Cloud Run, Cloud Storage, and Vertex AI, and received positive feedback to implement its functionality and cloud-native implementation.

Avion Store - Indonesia

Mar 2023 – Present

Admin

Avion Cloud is a service that provides VPS provisioning, configuration, and tailored cloud solutions to meet client needs.

- Managed and operated an online store specializing in cloud computing services with focus on VPS provisioning.
- Provided VPS setup and installation services tailored to client needs, ensuring reliable server environments.
- Achieved 2,000+ successful transactions across Shopee, Telegram, and WhatsApp.

PROJECT EXPERIENCE

Ticert - Indonesia

Sep 2025

Ticert is a concert ticketing system with real-time booking, role-based access, and reporting, built using Golang and MySQL.

- Built a event ticket management system using Go with a clean architecture, JWT authentication, role-based access control, and a MySQL database with GORM ORM for entity relationships.
- Implemented Redis caching for optimization and developed a comprehensive reporting system with real-time revenue tracking and ticket sales analytics, while containerizing the application using Docker Compose with multi-service orchestration.

DocBook - Indonesia

Aug 2025 - Sep 2025

DocBook is a doctor booking system featuring real-time scheduling, double-booking prevention, and medical history integration.

- Built a medical appointment system using Go, Gin framework, and MySQL with JWT authentication, role-based access control, and Docker containerization for handling patients, doctors, and administrators simultaneously.
- Designed relational database schema and implemented business logic for appointment scheduling, user management, booking, and medical history tracking.

EDUCATION

Universitas Sultan Ageng Tirtayasa - Cilegon, Indonesia

Aug 2022 - Present

Bachelor of Informatics, 3.87/4.00

ORGANIZATIONAL

Himpunan Mahasiswa Informatika Untirta (HMIF)

Feb 2025 - Present

Staff Eksternal

- Design, implement, and coordinate a company visit to "Huawei Indonesia" involving around 50 participants from Informatics students.
- Organized the "IF Berbagi" program during Ramadan, a charity event distributing meals to those in need.
- Successfully coordinated fundraising efforts, collecting donations to provide 100+ meal packages.

OTHERS

Technical Skills: Backend Development, Golang, Node.js, Express.js, Gin Gonic, RESTful API, Clean Architecture, ORM, MySQL, MongoDB, Redis, JWT Authentication, RBAC, Containerization, Docker, Kubernetes, GitHub Actions (CI/CD), Terraform (IaC), Google Cloud Platform (GCP), Amazon Web Services (AWS), Cloud Run, Cloud Storage, Virtual Machine, Linux, Ubuntu, Debian

Software: Visual Studio Code, Postman, DBeaver, MongoDB, GitHub, Docker, Kubernetes, Google Cloud Console, AWS Management Console

Soft Skills: Critical Thinking, Problem Solving, Adaptability, Learning Agility, Growth Mindset

Language: Indonesia (Proficient), English (Intermediate)

Certifications: Associate Cloud Engineer Certification, AWS Cloud Quest: Cloud Practitioner, Menjadi Google Cloud Engineer, Cybersecurity in Digital Business