Raditya Aydin

Software Engineer - Bandung, Indonesia

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Driven software engineering enthusiast with practical experience in backend development, DevOps, and designing scalable, cloud-native systems. Proficient in building robust digital solutions using GCP, Spring Boot, Golang, and Node.js. Committed to writing clean, maintainable code and delivering secure, user-focused applications that stand the test of time.

WORK EXPERIENCE

Tech Lead - Redooceit, Bandung   (Feb 2025 – Present)
A community-based startup that solves waste management problems using technology

- Lead technology development and innovation in digital waste management. Created scalable products, enhanced marketing performance by up to 80% using **Golang Gin,** and **Postgresql** for backend service, and **NextJS React**
- Drive product strategy and digital transformation to scale Redooceit's sustainable solutions.

Fullstack Engineer - Self Employed, Bandung   (Nov 2024 - Present)
Freelance as a full stack engineer who handles early settlement discussions to deployment

- Designed and developed end-to-end digital solutions for clients from planning to deployment.
- Build an automated system using **n8n** to analyze social media
- Built and maintained web applications including custom CMS, ensuring high performance, security, and scalability using **Go, Nodejs,** and **Sanity**.
- Manage the entire development flow from CICD using **Github action**, setup and maintain **nginx,** dns domain, **docker container** on **VPS**. Until scalability testing using **Locust**
- Implemented best practices in software development lifecycle, managed deployments, and provided ongoing support. Maintain 100% completion rate and client satisfaction

Software Engineer Intern - Ukirama, Jakarta   (Sep 2024 – Nov 2024)
ERP system part of one of the leading business groups in Indonesia

- Contributed to the development of a SaaS ERP platform by maintaining backend services and fixing frontend bugs.
- Improved website backend performance using **Ruby** and **Astro**.
- Helped build small backend pipelines and conducted testing for ERP features.
- Take over 60% of bug fixes and code maintenance

Backend Engineer Mentee - Telkom Indonesia, Remote   (Aug 2024 – Oct 2024)
One of Indonesia's largest telecommunications and digital companies

- Successfully completed a backend engineering project by developing a **RESTful API** using **Node.js and PostgreSQL**, fully documented using **Postman** for seamless integration and user accessibility.
- Gained practical experience in API development, database management, and implementation of backend best practices.
- Played an active role in over 90% of team ideation processes, contributing from initial brainstorming sessions to collaborative solution design and execution planning.

DevOps Intern - Pukul Enam, Remote   (Mei 2024 – Jul 2024)
An Indonesian media and digital content startup leveraging AI in its product innovation, backed by Google, Traveloka, and GoTo.

- Contributed to the server operations of the Talas Project using **AWS VPC** infrastructure, including container creation and maintenance, **NGINX web server** configuration, and **DNS and SSL domain** management.
- Integrated frontend, backend, and machine learning components into a unified system.
- Contributed to 65% of the project preparation, ensuring key components met deployment standards and were production-ready.

Cloud Computing Cohort - Bangkit Academy, Remote   (Feb 2024 – Jul 2024)
Mentoring program by Google which is backed by Traveloka and GoTo

- Graduated from Bangkit 2024 specializing in Cloud Computing.
- Contributed to the development of the Pandoe Web Service using **Node.js and Google Cloud Platform (GCP)**, leveraging **Artifact Registry** for container image management, **Cloud Run** for scalable deployment, and **Cloud Storage Bucket** for efficient file handling.
- Hands-on experience in cloud architecture, deployment, and backend development.

PROJECT EXPERIENCE

Politics - Rust, Bevy
Game Dev Intern
- Learning Rust: Gained hands-on experience with Rust programming language through real-world game development
- Bevy Engine Exploration: Learned data-driven game engine architecture and ECS (Entity Component System) patterns
- Debugging Support: Helped identify and fix bugs across various game systems
- Feature Development: Implemented small features and improvements under guidance from senior developers
- Code Review: Participated in code review process to learn best practices and improve code quality

Soccernearu
Freelance Project
- Communicate directly to product owner to deliver solution from PRD to ERD.
- Build 80% of projects handling backend goals and infrastructure using aws

MedikaOne
Freelance Project
- Communicate directly to product owner to deliver solution from PRD to ERD.
- Develop MVP with responsibilities as a developer and devops

Redooceit Waste Management Dashboard - Golang, NextJs, React
Main Product at Redooceit
- Discuss, design, and curate the design of the Redooceit dashboard and application
- Leading Redooceit's tech team in development

Pandoe Web Service - Node.js, GCP
Capstone Project at Bangkit Academy
- Developed scalable backend services deployed on Google Cloud Platform.
- Ensured seamless integration across services.

SahabatPeduli (Web3) - ICP Ledger, Makoto
ICP Hub Hackathon Project
- First exposure to Web3 development during ICP Hackathon.
- Built a decentralized application using ICP Ledger and Makoto.

EDUCATION

- **Telkom University** - Bachelor Computer Science, Final GPA: 3.71 / 4.00   (2021 - 2025)
  Carbon Stock Estimation Model

  Developing a cnn model that integrates classification methods based on texture parameters such as homogeneity and color such as excess green index (ExG). Using drone field data of green areas at telkom university, this paper provides a study that can be used as an initial basis for development with more extensive data.

SKILLS

- **Programming Language**: Golang, Java, Javascript
- **Backend Stack:** SpringBoot, ExpressJS, Gin
- **Tools**: Docker, Git (Github, Gitlab), Postgres, MySQL, Linux, GCP, VPS

CERTIFICATION

- Digistar Class 2024 (Telkom Indonesia)
- AWS Cloud Practitioner Essentials (Dicoding Indonesia)
- Bangkit Cloud Engineer Path 2024
- Introduction to Fundamental Go Programming (Hacktiv8)
- Scalable Web Service with Golang (Kominfo x Hacktiv8)

AWARDS & COMPETITIONS

- Finalist – Microsoft AI For Accessibility (AI4A) Hackathon 2023
- 1st Winner – International Pitching Competition UNIIC 2024
- 1st Winner – Java Business Competition 2023
- Best Zero Waste Solution – Innovillage 2023
- Finalist – Basic Binus International Business Case 2023