

Yazid Rizki Kurniawan

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Summary

Third year computer Science student at Universitas Gadjah Mada with strong expertise in backend development and machine learning. Experienced in designing scalable systems and implementing innovative solutions across various domains. Strong foundation in both theoretical computer science principles and practical software development.

Experience

Software Developer Intern | Bank Syariah Indonesia

Yogyakarta, Indonesia

09/2024 – 03/2025

- Develop and maintain enterprise banking systems using Kotlin Spring Boot and Oracle Database
- Implement CI/CD pipelines with Jenkins and Docker for deployment automation
- Collaborate with cross-functional teams in development environment

Backend Developer | OMAHTI UGM

Yogyakarta, Indonesia

09/2022 – 01/2025

- Design and implement RESTful APIs for student organization projects
- Optimize database performance through efficient query design
- Implement caching mechanisms to enhance system performance
- Mentor junior developers in backend development practices

Education

- **Universitas Gadjah Mada – Yogyakarta, Indonesia**
 - Bachelor of Science in Computer Science | 08/2022 - 04/2026 (Expected)
 - GPA : 3.79/4.00
 - Relevant Coursework: Machine Learning, Distributed Systems, Software Engineering, Database Management
- **Bangkit Academy - led by Google, Tokopedia, Gojek, & Traveloka**
Machine Learning Development Program | 08/2024 - 12/2024
 - Selected participant in intensive machine learning specialization program
 - Developing expertise in TensorFlow and practical ML applications
- **SMAN 8 Yogyakarta – Yogyakarta, Indonesia**
Graduate in 07/2019 (Highschool)

Honors & Awards

Finalist - Datathon 2024 | RISTEK Fasilkom UI

Aug 2024

- Developed e-commerce search optimization using NLP models
- Implemented SMART regularization achieving superior results over traditional methods
- Selected as finalist among nationwide participants

Finalist - Gemastik 2023 | Indonesia Ministry of Education

Oct 2023

- Developed GOQAR: Efficient optimization method for road damage detection
- Achieved competitive accuracy with reduced computational requirements
- Selected as finalist in national competition

Notable Projects

RovAir - Unmanned Hybrid Drone-Rover Vehicle

Backend Developer

- Developed web-based dashboard for drone-rover hybrid vehicle monitoring
- Implemented real-time sensor data processing and camera feed integration
- Created APIs for vehicle telemetry data management and monitoring

Berswara - Election Education Platform

Backend Developer

- Developing educational platform using microservices architecture
- Implemented backend services using Nest.js and Express.js
- Managed distributed system architecture and service discovery

OmahTI UGM Open Recruitment Website

Backend Developer

- Focusing on backend implementation for about 200 applicants
- Designed backend architecture using Node.js and Firebase
- Created efficient APIs for recruitment process management

Malam Apresiasi MIPA 2023 Website

Backend Developer

- Developed backend systems for event information and voting platform
- Implemented secure voting mechanisms and data storage
- Created RESTful APIs for frontend integration

JOINMUN UGM 2023 Official Website

Backend Developer

- Architected backend systems for event management platform
- Developed APIs for content management and information delivery
- Optimized database queries for improved performance

Skills

- **Backend:** Javascript, Python, Kotlin, Java, Go, C++, PHP
- **Frameworks:** Express.js, Nest.js, Spring Boot, Laravel
- **Frontend:** Next.js, React.js, Vue.js
- **Databases:** Oracle, PostgreSQL, MySQL, Sqlite, MongoDB, Firebase
- **DevOps:** Docker, Kubernetes, Jenkins, Git
- **Architecture:** Microservices, Distributed Systems, Service Discovery
- **System Design:** API Design, Database Design
- **Machine Learning:** TensorFlow, Pytorch, Computer Vision, NLP

Languages

- **Indonesian** (Native languages)
- **English** (Active and Passive)

Profiles

- <https://www.linkedin.com/in/yazid-rizki-kurniawan-521237154/>
- www.github.com/Yarizk
- www.yazidrizkik.dev