

# MUHAMMAD BINTANG NUGRAHA

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## PROFESSIONAL SUMMARY

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Motivated Informatics Engineering student with hands-on experience in full-stack web development and cloud computing. Proficient in building scalable applications infrastructure. Adept at optimizing system performance and collaborating within cross-functional teams. Actively seeking a Web Developer role to apply technical skills and grow professionally in a dynamic environment.

## EDUCATION

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### Universitas Pancasila, Jakarta

Bachelor of Science in Informatics Engineering | 2022 – Present

GPA: 3.76 / 4.00

Relevant Courses: Web Design, Object-Oriented Programming, Software Engineering

## EXPERIENCE

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### Assistant Lecturer - Web Design

Universitas Pancasila | Sep 2025 – Feb 2026

- Taught core web design concepts (UI/UX, responsive design, accessibility).
- Guided students in building web projects using HTML, CSS, and JavaScript.

### Website Developer Intern

Maritim Muda Nusantara | Jan 2025 – Jun 2025

- Improved backend efficiency, reducing load time by 60% and increasing user engagement by 40%.
- Implemented a CMS protocol and trained regional admins for decentralized content updates.

### Cloud Engineer Intern

AMATI Indonesia | Oct 2024 – Jan 2025

- Built scalable GCP infrastructure with monitoring and cost-saving strategies, reducing cloud spend by 30%.
- Automated CI/CD with GitHub Actions and Cloud Build, cutting deployment time by 50%.

### Assistant Lecturer - Database

Universitas Pancasila | Sep 2024 – Jan 2025

- Instructed 24 students on relational databases and SQL; improved class performance by 25%.
- Designed hands-on assignments incorporating ER modeling and real-world scenarios.

### Assistant Lecturer - Algorithms & Data Structures

Universitas Pancasila | Mar 2024 – Aug 2024

- Taught core concepts including sorting, recursion, and graph traversal to 26+ students.
- Revamped teaching modules, resulting in a 30% increase in student comprehension.

## IT Support Technician Intern

Kelurahan Pondok Jaya | Jul 2021 – Oct 2021

- Resolved hardware and network issues for 10+ staff members.
- Reduced system downtime by 40% through proactive maintenance and troubleshooting.

## PROJECTS

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### Mini Soccer Field Booking System - [GitHub](#)

- Built microservices architecture using Golang, Kafka, Docker, PostgreSQL, and GCP.
- Integrated Jenkins for CI/CD, and used GCS + Consul KV for distributed configuration.

### Laundry Market App - [GitHub](#)

- Developed full-stack mobile app using Flutter, Laravel, Riverpod, and MySQL.
- Implemented responsive UI and secure RESTful APIs with custom middleware.

### Rent Office Website - [GitHub](#)

- Created web app using Laravel 11, React 18, TypeScript, and FilamentPHP.
- Integrated Twilio API for messaging and developed an internal CMS.

## CERTIFICATIONS

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- **AWS Certified Cloud Practitioner** – Sep 2024
- **Google Cloud Computing Foundations Certificate** – Sep 2024
- **Alibaba Cloud ACA Certification** – Sep 2024
- **BONET Software Engineering Training** – Jun 2022

## VOLUNTEERING

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### Tribe Member - Bangkit Academy by Kampus Merdeka

Sep 2024 – Jan 2025

- Selected for leadership and peer mentoring roles.
- Led knowledge-sharing sessions that helped over 3600 peers improve performance.

## TECHNICAL SKILLS

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**Languages & Tools:** HTML, CSS, JavaScript, PHP, MySQL, Git, SQL, REST API

**Frameworks & Libraries:** Laravel, React.js, Bootstrap, TailwindCSS

**DevOps:** GitHub Actions, Docker (basic)

**Other:** OOP, Responsive Design, ERD

## SOFT SKILLS

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Team Collaboration · Problem Solving · Communication · Leadership · Adaptability