



MUHAMMAD ZULFAN ANGGADHIPUTRA

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SUMMARY

Informatics undergraduate skilled in software development, database programming, and multimedia applications. Experienced in lab assistance and software R&D projects, with a passion for applying emerging technologies to real-world solutions.

EDUCATION

Institut Teknologi Nasional Bandung Bandung, Jawa Barat
Undergraduate, Informatics, GPA: 3.46 2022 - Present

EXPERIENCE

Database Programming Laboratory Assistant Sep 2024 - Jan 2025

- Served as instructor for introductory database concept and application development.
- Guided students to design, implement and intergrate databases into real-world application using Delphi7.
- Provided one-on-one mentoring to help students troubleshoot coding and database issues.

Object-Oriented Programming Laboratory Assistant Mar 2025 - June 2025

- Served as instructor for object-oriented programming fundamentals (Java).
- Assisted students in applying OOP principles (encapsulation, inheritance, polymorphism) in software development projects.
- Mentored student teams to develop small-to-medium scale applications with best coding practices.

Computer network Laboratory Assistant Mar 2025 - June 2025

- Served as instructor for computer networking fundamentals and configuration.
- Guided students in setting up LAN, configuring routers/switches, and implementing TCP/IP protocols.
- Supported students in network troubleshooting, security basics, and client-server project assignments.

Software Development Intern – PT Dwi Purwa Teknologi July 2025 - Sep 2025

- Assisted in research and development (R&D) of digital solutions for client projects.
- Contributed to adding new features in an in-progress software application.
- Collaborated with senior developers to test, debug, and improve application performance.
- Gained hands-on experience in the software development lifecycle within a digital consulting environment.

PROJECTS

Remote Control Tank Sep 2024 - Jan 2025

IoT-based prototype integrating ESP32, sensors, and motor drivers with Flutter mobile control and web dashboard.

Deep Learning Image Classification with InceptionV3 Mar 2024 - June 2025

Developed and evaluated deep learning models using InceptionV3 for image classification tasks. Applied transfer learning and fine-tuning techniques on datasets.

ADDITIONAL INFORMATION

- **Technical Skills:**
 - a. Programming & Development: Java, Python, C, JavaScript, Node.js, Flutter, Delphi 7.
 - b. Database & Networking: MySQL, Huawei Firewall, MikroTik.
 - c. Data Visualization & Testing: Power BI, Katalon Studio, Selenium.
 - d. Operating Systems: Windows, Red Hat, Ubuntu.
- **Software and Tools:** Visual Studio Code, IntelliJ IDEA, NetBeans, Android Studio, Arduino IDE, eNSP, Adobe Animate, Adobe Premiere, Canva, Figma, Microsoft Word, Microsoft Excel.
- **Certifications:** Huawei Certified ICT Associate – Security (HCIA-Security V4.0).
- **Languages:** English - Intermediate , Indonesian - Native.