

Setiawan Muhammad

setiawanmaulana6@gmail.com | 081-225-263-074 | www.linkedin.com/in/setiawan-muhammad
| github.com/awanmh

Summary

Fourth semester student at the Faculty of Informatics, Telkom University, with expertise in Ethical Hacking, Java, C, JavaScript, and HTML & CSS. An enthusiastic and technically skilled Computer Science student with a strong foundation in software development and cybersecurity. Passionate about helping others through lab assistant roles and building real-world applications.

Education

Telkom University B.S. in Computer Science - Informatics (Surabaya Campus)	September 2023 - Present GPA: 3.49/4.00
--	---

Experience

Telkom University Laboratory and Research Assistant	September 2024 - June 2025 <i>Golang, Linux, Java</i>
--	--

- Supervised and provided assistance to more than 50 students in the Algorithms & Programming practicum using Java.
- Managed and taught Operating System practicum sessions, covering process management and Bash scripting in a Linux environment.
- Provided guidance in the Information Systems Security and Object Oriented Programming (OOP) practicum.

Telkom University Community Events, Volunteer BEM	December 2024 - December 2024 <i>PremierePro, AfterEffect</i>
--	--

- Recorded and edited event footage to create engaging after movies for local community activities and university events.
- Captured key moments through creative camera angles and dynamic transitions.
- Managed the entire production process from shooting to editing and final delivery.

Freelance Web & Mobile Developer	May 2025 - June 2025 <i>Flutter, Node.js</i>
---	---

- Design and develop web and mobile management applications for clients, using Flutter for mobile frontend and Node.js for backend, to improve clients' operational efficiency.

Projects

Telkom University Value Management Web Application (Java Project)	May 2025 - June 2025 <i>Java, Spring Boot, React.js, MySQL</i>
--	---

- Developed a task management web application with a Trello-like board system to facilitate team collaboration.
- Implemented a RESTful API using Java Spring Boot for CRUD (Create, Read, Update, Delete) functionality on tasks and boards.
- Built a responsive and interactive user interface (UI) using React.js, allowing users to manage tasks easily.

Store Management App (Mobile Development Project) Mobile Development	January 2025 – February 2025 <i>Flutter, Dart, SQLite</i>
---	--

- Built a cross-platform mobile application for offline store management. A mobile application created to make it easier for users to manage their stores.
- Implemented CRUD functionality to manage product, stock, and sales transaction data using a local SQLite database.
- Designed an intuitive and easy-to-use UI to help small shop owners manage their daily operations.

- Developed a responsive website that provides articles and information for pregnant women, including prenatal yoga reservations.
- Built a backend using Node.js and Express.js to serve dynamic content from the database.
- Designed an interactive frontend using Vue.js to ensure a smooth user experience across multiple devices.

- Performed penetration testing on various web applications to identify security vulnerabilities such as SQL Injection, XSS, and CSRF.
- Document vulnerability findings in detail and provide fix recommendations to developers.
- Actively participate in bug bounty programs to proactively improve web application security.

- Designed and built a web-based public complaint system for neighborhoods, allowing citizens to report problems efficiently.
- Developed a complete CRUD feature for report management and user authentication using the Laravel framework.
- Created an admin dashboard to monitor, manage, and respond to incoming complaints.

Skills

Backend Development:

Java, Spring Boot, PHP, Laravel, Node.js, Express.js, MySQL, SQLite.

Frontend Development:

HTML, CSS, JavaScript, Vue.js, React.js.

Mobile Development:

Flutter, Dart.

Editing:

Photoshop, PremierePro, AfterEffect, Figma, Canva, Blender, Cinema4D, Unity, Unreal Engine.

Sistem & DevOps:

Linux, Bash Scripting, Docker, Git, Github.

Cyber Security:

Web Pentesting, Burp Suite, OWASP ZAP, SQLmap

Developer Tools:

Visual Studio Code, IntelliJ IDEA, Android Studio.