

MUHAMMAD ZAINI ROCHMAN

Surabaya, Indonesia 60243 | rochman279@gmail.com | 081357040615

Portfolio : zainiirochman-portfolio.vercel.app | LinkedIn : linkedin.com/in/zainiirochman

PROFESSIONAL SUMMARY

Highly analytical and adaptable IT graduate with a stellar academic record. Possesses a strong foundation in software development, data analysis, and process automation. Proven track record of demonstrating leadership and strategic decision-making through executive roles in university organizations and leading cross-functional teams. Adept at leveraging technical acumen, such as data mining and automated testing to solve complex problems, drive operational efficiency, and deliver user-centric digital solutions. Eager to bring a resilient mindset, agile learning capabilities, and business-driven technology integration.

EDUCATION

State University of Surabaya (UNESA) | Surabaya, Indonesia

Bachelor's Degree in Information Technology Education | Aug 2022 – Aug 2026 (Waiting for Graduation Certificate)

- GPA : 3.96/4.00
- Thesis/Key Project : Developed a Website-Based Learning Management System Integrated with Project-Based Learning, involving end-to-end configuration, database management, and deployment.

SMK Telkom Malang | Malang, Indonesia

Computer and Network Engineering | Jul 2019 – May 2022

- Final Grade : 88.59/100.00

EXPERIENCE

Dinas Kependudukan dan Pencatatan Sipil Kab. Sidoarjo | Sidoarjo, Indonesia

Information System & Data Operator (MSIB 7) | Sep - Dec 2024

- Managed demographic data systems for the Civil Registry, ensuring high accuracy and data integrity.
- Developed and implemented a Population Aggregate Website, streamlining data accessibility and reporting efficiency for internal operations.
- Collaborated with cross-functional teams to align digital initiatives with public service standards.

PT Telkom Surabaya Utara | Surabaya, Indonesia

Data Management Intern | Jul – Sep 2021

- Conducted comprehensive data validation and synchronized service ports, significantly reducing system discrepancies.
- Managed virtual and physical Optical Distribution Point (ODP) panels, executing precise network mapping to support infrastructure maintenance.

LEADERSHIP & ORGANIZATIONAL EXPERIENCE

Generasi Baru Indonesia (GenBI) UNESA

Head of Education Division | Apr 2025 – Jun 2026

- Led a team of staff members, overseeing human resource management and division performance evaluation.
- Spearheaded and executed strategic work programs focusing on digital literacy and educational advancement.
- Orchestrated central bank educational campaigns, bridging complex economic concepts to broader student audiences.

Staff of Education Division | Mar 2024 – Apr 2025

- Managed the end-to-end execution of educational programs and contributed to organizational strategic planning.

Himpunan Mahasiswa Prodi Pendidikan Teknologi Informasi (HMPPTI) UNESA

Chairman | Apr – Dec 2024

- Acted as the highest decision-maker for the organization, formulating strategic directions and operational guidelines.
- Managed a large student body, fostering an inclusive, collaborative, and development-focused environment.

Himpunan Mahasiswa Jurusan Teknik Informatika (HIMTI) UNESA

Vice Chairman | Jan – Apr 2024

- Directed internal organizational affairs, optimized operational workflows, and mediated cross-departmental communications.

Staff of the Reasoning, Research, and Technology Division | Jan – Dec 2023

- Organizing technology-related events, such as bootcamps, seminars, and competitions.

KEY PROJECTS & TECHNICAL EXPERTISE

- **End-to-End System Development:** Directed the complete product lifecycle of a website-based Learning Management System, encompassing requirement analysis, architectural design, full-scale development, implementation, and post-launch evaluation.

- **System Architecture:** Engineered a comprehensive Digital Library Management System website, optimizing database normalization and ERD design to ensure data scalability (Granted Intellectual Property Rights).
- **Full-Stack Development:** Developed multiple scalable applications bridging mobile and web platforms using Flutter, PHP, Laravel, and PostgreSQL/MySQL. Proficient in cloud deployment and web infrastructure management.
- **Data Analysis & Automation:** Conducted public sentiment analysis (e.g., iPhone 17 release) utilizing Python and Naive Bayes algorithms. Experienced in configuring automated software testing (Katalon Studio) for system QA and user simulation.

CERTIFICATIONS

- **Intellectual Property Rights (HKI):** EduSelf Website - Digital Library Management System (Ministry of Law and Human Rights RI No. 001036010) | 2025
- **Customer Relationship Management (Junior Service Quality Officer)** – Competent (BNSP) | 2024
- **Test of English Proficiency (TEP) UNESA** – Score: 453 | 2022
- **Microsoft Technology Associate (MTA):** Security Fundamentals (Score: 73) & Networking Fundamentals (Score: 74) | 2021

SKILLS

- **Programming & Frameworks:** Flutter, Kotlin Programming Language, NextJS, Laravel Framework, Python Programming, HTML.
- **Architecture & Development:** Mobile Development, Web Application Development, Software Development, Application Design, eCommerce.
- **Data & Database:** Database Design, Database Management, Postgresql, MySQL, SQL Query Language, Data Management, Data Processing.
- **Integration & Versioning:** REST APIs, API Integration, Git Version Control System, Deployment.
- **Quality Assurance (QA):** Katalon Studio, Software Testing, Unit Testing, BlackBox Testing.
- **Project Management & Tech-Business:** Project Management, Project Management Body of Knowledge (PMBOK), Artificial Intelligence, Informatics Engineering.