

Rizky Mardhani



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Jl.Kosmea no 25

Summary

Computer Engineering student (3rd semester) at Universitas Brawijaya with strong enthusiasm for Web Development and Internet of Things (IoT). Skilled in building responsive and scalable web applications using React, Laravel (Blade, PHP, MySQL), and deploying via Vercel or Netlify.

Experienced in IoT systems using Arduino, ADS1115, and MPU6050 for real-time sensor integration. Known for being responsible, adaptive, and detail-oriented, with a passion for learning and teamwork.

Education

University of Brawijaya

Malang, Indonesia

Bachelor of Computer Engineering – Aug 2024 – Mar 2028

Projects

ZXAVIERS SITE (Main Portfolio Website)

zxaviers.site

Personal website showcasing WebDev and IoT projects.

Tech: React, Tailwind CSS, JavaScript, Netlify.

PCB Custom Malang

pcb-custom-malang.web.app

Online PCB customization and ordering platform.

Tech: HTML, CSS, JavaScript, Bootstrap, Firebase Hosting.

Personal Portfolio

zxaviers.github.io/Personal

Showcases personal projects and learning journey.

Tech: HTML, CSS, JavaScript, GitHub Pages.

Bottleneck Checker

Web-based calculator for analyzing PC performance bottlenecks.

Tech: Laravel, Blade, PHP, JavaScript, MySQL, Vercel Deployment.

Spooring Alignment Simulation (IoT Project)

IoT-based wheel alignment simulation using potentiometers and MPU6050 sensors.

Tech: Arduino, ADS1115, MPU6050, Serial Data Visualization.

Experience

HOLOGY Programming Competition — Team Leader

September 2024

- Led a team in a national-level problem-solving competition.
- Practiced decision-making, time management, and collaborative strategies under pressure.

MGMP Mathematics Competition — Team Leader

2022

- Led a team in a high school mathematics competition.
 - Strengthened team coordination and analytical thinking.
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Organization Experience

PKKMB FILKOM Universitas Brawijaya — Staff Perlengkapan (Perkap)

2025

- Assisted in organizing faculty orientation event logistics.
- Ensured smooth preparation and implementation of stage & equipment setup.

Scholarship Festival FILKOM Universitas Brawijaya — Staff Public Relations (PR)

2025

- Managed event communications and public engagement.
- Coordinated media content to promote scholarship awareness.

GDSC Universitas Negeri Surabaya — Member

2023 - 2024

- Participated in developer community discussions and workshops.
- Expanded technical and collaborative skills.

Paskibra SMAN 1 Karangrejo — Member

2020 - 2023

- Developed discipline, teamwork, and leadership through ceremonial training.
 - Represented the school in official events.
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Strenghts

- Fast learner and adaptable
 - Responsible and committed
 - Team-oriented and analytical
 - Eager to grow through experience
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Areas to Improve

- Building self-confidence
- Improving communication skills
- Managing perfectionism

Interest

- Learning new things
 - Coding and technology
 - Event & Project organization
 - IoT system design
 - Web development
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