

FATIMA AZZAHRA

Fullstack Developer | Specialized in TypeScript, React, & Laravel | Software Engineering

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EDUCATION

SMKN Tenganan

Tenganan District 50775 Semarang Regency, Central Java • July 2023 - May 2026

Software Engineering

- **Developed a Village Information System**, creating a digital platform to improve local administrative services and community engagement.
- **Built a Full-Stack "Rocket Chicken" E-commerce clone**, featuring functional frontend and backend systems for online food ordering.
- **Mastered frontend fundamentals**, utilizing **HTML**, **CSS**, and **Bootstrap** to build clean, professional, and responsive user interfaces.
- **Acquired core programming skills in React.js and JavaScript**, applying modern development principles to various school-led software projects.
- **Managed databases using phpMyAdmin**, designing efficient schemas to support web application requirements and data persistence.

EXPERIENCE

Babaiyu Academy

Susukan, Central Java, Indonesia

Fullstack Developer Intern

Jan 2026 - Apr 2026

- **Engineered RalyTicket**, a high-performance ticketing system, utilizing **ElysiaJS**, **React.js**, and **TypeScript** to ensure sub-second API responses and long-term system **scalability**.
- **Integrated Xendit Payment Gateway and designed RESTful APIs** with secure Webhooks to automate ticket transactions and ensure real-time payment synchronization.
- **Architected scalable backends and complex database schemas** using **Drizzle ORM with PostgreSQL**, focusing on data integrity, query optimization, and **maintainability**.
- **Built reusable and modular components** for **MomsCare** (an AI-powered platform) using **Astro** and **Supabase**, promoting code **reusability** and faster development cycles.
- **Performed thorough testing, debugging, and troubleshooting** of applications to identify bottlenecks and ensure high-quality, production-ready deliverables.
- **Streamlined team collaboration** using **Git/GitHub** and **Agile methodologies**, maintaining clear **communication** with stakeholders and performing rigorous code reviews.

VOLUNTEER

Rohis SMKN Tenganan

Dec 2023 - Nov 2025

Tenganan District 50775 Semarang Regency, Central Java

- **Served as an active member**, contributing to the successful organization of religious events and community service activities for students.
- **Fostered a supportive environment** for personal and spiritual growth through active participation in mentorship and group discussions.
- **Developed strong ethics and teamwork skills** by assisting in large-scale event logistics and cross-team coordination.
- **Maintained clear and effective communication** with team members and school administration to ensure the success of social initiatives.
- **Collaborated on character-building programs**, demonstrating reliability and a high level of integrity in completing assigned tasks.
- **Applied proactive problem-solving** during event execution to handle logistics challenges and support organizational goals.

SKILLS

- | | | | |
|----------------|---------------|------------|------------|
| ✓ TypeScript | ✓ JavaScript | ✓ React.js | ✓ ElysiaJS |
| ✓ Node.js | ✓ Drizzle ORM | ✓ SQLite | ✓ Astro |
| ✓ Tailwind CSS | ✓ HTML5 | ✓ MySQL | ✓ Laravel |
| ✓ Express | ✓ Next.js | ✓ Vite | ✓ Docker |
| ✓ Kubernetes | | | |