

MOHAMAD FAJAR NUR KHASANI

Full-Stack Developer | Semarang, Indonesia

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SUMMARY

Full-Stack Developer with hands-on experience delivered various client projects using Next.js and Laravel, gained through internships at software houses. Bachelor's degree in Computer Science with a GPA of 3.81 and a Vocational School Diploma in Computer Network Engineering. Additional background in coding trainer, IT support, and technical writer. Comfortable to work across front-end and back-end. Committed to continuous learning and building impactful digital solutions.

WORK EXPERIENCE

Coding Trainer

Jul 2025 - Jan 2026

Mutiara Hati Islamic Elementary School - Semarang, Central Java

- Delivered lessons on computational thinking and logic to elementary students every week.
- Guided a class of **28 students** in building interactive games using Scratch.
- Designed quizzes and exams, to evaluate students' progress, resulting in an **average final grade of 87**.

Full-Stack Developer (Internship)

Feb 2025 - Jul 2025

Nine Dragon Labs - Semarang, Central Java

- Contributed to the development of **more than 10 projects** for individual and corporate clients, including local businesses and international organizations.
- Worked across front-end, back-end, and full-stack roles on multiple concurrent projects.
- Utilized a range of development frameworks, with primary expertise in Laravel and Next.js.

Front-End Developer (Internship)

Jul 2024 - Dec 2024

CV. Serpihan Tech Solution - Semarang, Central Java

- Developed a hospital management integration system using Next.js and a school profile website using WordPress.
- Converted Figma designs into responsive front-end interfaces and integrated them with REST APIs.

Content Writer

Jan 2023 - Jan 2024

Ngodingo Community - Semarang, Central Java

- Produced **over 20 pieces** of content across various social media platforms, including Instagram, Twitter, and Medium.
- Utilized Microsoft Word, Canva, and Figma to create and design digital content.

IT Support (Internship)

Jan 2019 - Feb 2019

State Vocational School 1 of Pemalang - Pemalang, Central Java

- Managed and maintained laboratory software, hardware, and network infrastructure comprising **over 40 computers**.
- Assisted teachers in delivering information technology lessons and provided classroom support.

PROJECTS

Kelolain: ERP System for IT Consulting Company

2026

Kelolain, a full-stack ERP system for IT consulting businesses, integrating finance, human resource & payroll, and sales & inventory into one platform with automated accounting, Indonesian tax compliance, and role-based dashboards for different departments. Tech stack: Laravel, PostgreSQL, Tailwind CSS, Docker, Railway. Link: erp-it-consulting-production.up.railway.app.

Purppose: Finding Balance Between Hustle and Humble

2026

Purppose is a gamified productivity app that balances work and recovery through task tracking, intelligent scoring, weekly insights, and leaderboards, helping users build sustainable routines without sacrificing ambition or well-being. Tech stack: Next.js, Firebase, Tailwind CSS, Shadcn, Vercel. Link: mypurppose.vercel.app.

Deep Learning Model for Early Eye Disease Detection

2026

A study on deep learning in the medical field analyzing a Class-Wise Ensemble approach that utilizes Weighted Averaging based on the EfficientNetB6 and DenseNet169 architectures for multi-label classification of eye diseases using the open ODIR-5K dataset. Tech stack: Python, Kaggle Notebook, Flask. Link: github.com/mhmdfjr/multilabel-retinal-disease-diagnosis.git

EDUCATION

Bachelor of Computer Science, GPA 3.81/4.00

Aug 2022 - Jul 2026

State University of Semarang - Semarang, Central Java

High School Diploma, IT & Computer Networking, 85.00/100.00

Jul 2018 - Jul 2021

State Vocational High School 1 of Pemalang - Pemalang, Central Java

ORGANIZATIONS

Head of Information Technology Development Division

Jan 2025 - Jan 2026

UKM Riptek UNNES - Semarang, Central Java

- Fostered students' IT skills and professional development alongside 9 division staff members.
- Managed **3 subdivisions** with a total of **60 members**: Cybersecurity, Software Development, and Research & Business.
- Held programs, including a month-long bootcamp with **45 participants** and intensive webinars with **100+ attendees**.
- Received the **Rising Star Division** award at the end of the term.

Head of Programming Subdivision

Jan 2024 - Jan 2025

UKM Riptek UNNES - Semarang, Central Java

- Coordinated the Programming Subdivision and supervised its activities.
- Organized regular learning sessions to enhance members' programming skills.

Functionary, Computer Networking Division

Feb 2023 - Feb 2024

I-Secret ILKOM - Semarang, Central Java

- Contributed to the establishment and growth of a competitive cybersecurity community.
- Served as a committee member for organizational events and technical projects.

Head of Software Application Division

Jul 2018 - Jul 2020

Technology Community - Pemalang, Central Java

- Designed the annual learning curriculum and delivered weekly instructional sessions.
- Managed division staff and members, overseeing their activities and development.

CERTIFICATIONS

- HCIA-AI V3.5 Course - Huawei, 2024
- AI Basics: Overview of AI - Huawei, 2024
- Cloud Computing Courses - Google Arcade Facilitator, 2024
- Java Fundamentals Course - Oracle Academy, 2024
- ID Camp Back-End Web Developer - Dicoding, 2023
- DBS Foundation Coding Camp: DevOps Engineer - Dicoding, 2023
- Computer Networks - Cisco Networking Academy, 2023
- ID Camp Front-End Web Developer - Dicoding, 2022
- YCAB Digital Student Scholarship: Front-End Web Development - Skilvul, 2021

SKILLS

Hard Skills:

- Programming Language : JavaScript, TypeScript, PHP, Python, C++.
- Front-End : HTML, CSS, Next.js, React.js, Vue.js, Astro.js, Shadcn, Filament, Tailwind CSS, Bootstrap.
- Back-End : Laravel, Node.js.
- Database : MySQL, PostgreSQL, MongoDB, Supabase, Firebase.
- Others : WordPress, Linux, Git, Postman, Figma, Photoshop.

Soft Skills:

Quick learning and adaptation, clear communication, working efficiently independently and in teams, complex problem solving, experience in leadership roles.

ACHIEVEMENTS

- Recipient of Rumah Amal Scholarship UNNES 2024-2026
- Selected Team, PKM AMLI 2024 Funding
- Participant of UNITY#12 2024 Software Developmet
- Participant of Gemastik 2024 Cyber Security
- Participant of Gemastik 2023 Cyber Security