

KHEN MUHAMMAD CAHYO

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SUMMARY

A passionate and detail-oriented Fullstack Developer with over 3 years of experience in developing web and mobile applications. A graduate of the Diploma II Software Development program and currently pursuing a Diploma IV in Informatics Engineering at Malang State Polytechnic. Proficient in modern web technologies such as Laravel, NestJS, NextJS, ReactJS, and React Native, with additional experience in API integration, database management, and backend architecture design. Highly motivated to continuously learn new technologies, with a growing interest in Machine Learning and AI-driven systems. Known for strong communication, collaboration, and problem-solving skills within cross-functional teams to deliver scalable, high-quality software solutions.

EDUCATIONS

State Polytechnic of Malang Malang, Indonesia
Software Development | Diploma IV | GPA: 3.80/4.00 (Last GPA) 2024 - Present

State Polytechnic of Malang Malang, Indonesia
Software Development | Diploma II | GPA: 3.83/4.00 2022 - 2024

WORK EXPERIENCES

PT. Sekawan Media Malang, Indonesia
Engineer Lead & Backend Developer on HaloGigi App - Freelance Sep 2025 - Present

- Responsible for the design and development of the backend systems for the Member and Clinic applications on the Halo Gigi platform, which digitally connect patients with dental clinics.
- Implemented key features such as real-time video calls and chat for patient consultations, a clinic appointment booking and scheduling system, and secure and efficient user and clinic data management.
- As Lead Engineer, he led and guided the development team on system architecture, project structure, and the implementation of best coding practices to maintain code quality, scalability, and application maintainability.

Tech Stack: Laravel, Xendit (Payment Gateway), GetStream (Chat & Video Integration), Redis (Data Caching & Queue), MySQL

PT. Sekawan Media Malang, Indonesia
Fullstack Developer on HRIS ICS App - Freelance May 2025 - Present

- Developed and maintained three main modules - ICS Care, SOP, and Recruitment and integrated across Admin Web, Employee Self Service (ESS), and Job Portal platforms.
- Built and integrated **frontend features and RESTful APIs** to ensure scalable, cohesive system architecture.

Tech Stack: Laravel, ReactJS, NextJS, Redis (Data Caching), RabbitMQ (Queue), PostgreSQL

PT. Sekawan Media

*Fullstack Developer on SMART Antam Audit App - **Freelance***

Malang, Indonesia
Mar 2025 - Apr 2025

- Developed and maintained the Performance Evaluation Module, consisting of Assessment Template, Assessment, and Assessment Recap features.
- Built and optimized RESTful APIs with Laravel to manage complex evaluation data flows efficiently.
- Developed responsive and interactive frontend interfaces using ReactJS, ensuring seamless API integration and smooth user experience.
- Implemented reusable components and efficient state management to improve system scalability and maintainability.

Tech Stack: Laravel, ReactJS, Redis (Data Caching), RabbitMQ (Queue), MySQL

PT. Beemata Indonesia

*Fullstack Engineer on Invitation App & Dental Clinic App - **Full Time***

Malang, Indonesia
Dec 2024 - Mar 2025

- Developed a web-based Invitation Management App using Laravel and Filament, covering core features such as invitation creation and management.
- Designed an intuitive interface and efficient backend structure to ensure a seamless user experience and reliable system performance.
- Built the Healthcare App frontend with ReactJS, focusing on core modules such as clinic and doctor listings.
- Implemented reusable components and clean UI patterns to enhance scalability and simplify future feature expansion.

Tech Stack: Laravel, ReactJS, Turborepo, PostgreSQL

PT. Sekawan Media

*Frontend Developer on BNPT Simawas Audit App - **Freelance***

Malang, Indonesia
Sep 2024 - Nov 2024

- Developed and maintained the Implementation Module, managing complete audit workflow features including:
PKPT & PKPT Review, Assignment & Assignment Review, Working Paper & Review, Notisi & Notition Review, Final Report & Review, and Follow-up Monitoring & Review.
- Built a responsive and scalable frontend architecture using ReactJS, ensuring smooth user interaction and consistent data handling across all audit stages.
- Collaborated closely with backend and QA teams to optimize data synchronization and improve overall system performance.

Tech Stack: ReactJS

PT. Sekawan Media

*Fullstack Web Developer Teacher - **Freelance***

Malang, Indonesia
Aug 2024 - Nov 2024

- Became a mentor in the TEFA program in the Fullstack Web Developer class of SMK Telkom Malang

Tech Stack: Laravel

PT. Sekawan Media*Research and Development Engineer - Full Time*Malang, Indonesia
Nov 2023 - Aug 2024

- Led development workflows and guided developers on best practices, Git management, and issue resolution across projects.
- Designed system blueprints and internal libraries to enhance development efficiency and maintain consistency across teams.
- Contributed as Fullstack Developer for internal HR and audit applications, handling both frontend and backend to improve operational performance.
- Conducted teaching and workshops at TEFA Program (SMKN 6 & SMK Telkom Malang) on Fullstack and Frontend Development, creating structured learning modules for students.

Tech Stack: Laravel, ReactJS, Redis, RabbitMQ

PT. Sekawan Media*Fullstack Developer - Internship*Malang, Indonesia
Feb 2023 - Nov 2023

- Assisted in developing the Talentnesia Animation LMS website using Laravel framework.
- Created comprehensive learning modules for Fullstack Laravel, Frontend with ReactJS, and Backend with Laravel to support developer training programs.
- Developed mobile learning modules using Ionic and React Native technologies.
- Conducted a workshop at SMKN 6 Malang, teaching Fullstack and Frontend Development to students.

Tech Stack: Laravel, ReactJS, Redis, RabbitMQ**SKILLS**

Technical Skills: NextJS, ReactJS, React Native, Laravel, NestJS, Redis, RabbitMQ, Docker**Soft Skills:** Communication, Time Management**Languages:** Indonesia (Native), English (Beginner)