

GUNAWAN

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Work Experience

Full stack Developer, PT Estu Lentera Indo Teknologi - Remote July 2024 - Present

- Developed and maintained Laboratory Information Management System (LIMS) applications using PHP and Laravel.
- Conducted testing and maintenance to ensure system functionality and reliability.
- Managed and optimized existing LIMS projects to improve performance and user experience.
- Prepared and executed new LIMS projects, ensuring timely delivery and quality.
- Integrated the system with Satu Sehat for enhanced interoperability.

Backend Developer, CV Indokoding Sukses Makmur - Yogyakarta June 2024 – June 2025

- Enhanced database efficiency by optimizing SQL queries, significantly improving data retrieval speed.
- Spearheaded the design and implementation of innovative website features, leading to a more seamless and intuitive user experience.
- Proactively identified and resolved bugs, ensuring reliable and smooth web application performance.
- Developed custom APIs tailored to frontend team requests, improving system integration and functionality.

Backend Developer | Kedaireka PT Allure Alluminio – Semarang August - December 2022

- Collaborated with UI and frontend teams to develop and implement new website features.
- Designed and developed robust APIs to support frontend functionalities.

Education

Universitas Negeri Semarang

2020 - 2024

Bachelor of Computer Science | GPA 3.81/4.00

- **Research Paper:** Convolutional Neural Network Using Concatenated ResNet50-MobileNet Architecture to Classify Types of Tomato Leaf Diseases.

Backend Java Course, SIB Binar Academy 2023 August 2023 – December 2023

- Learned Java programming, OOP, functional programming, and unit testing.
- Created ERD and CRUD using Spring Framework.
- Developed Restful API with Spring Web.
- Implemented security for authorization and authentication.

Mobile Development, Bangkit Academy 2023 February 2023 – July 2023

- Learned Kotlin programming, Android application development, and various components like UI, Animation, Localization, etc.
- Collaborated with the team using GitHub and Trello.

Skills

- **Programming Languages:** Kotlin, Java, PHP, Python
- **Frameworks:** Spring Framework, Laravel, Django
- **Databases:** MySQL, PostgreSQL, Firebase
- **Tools:** GitHub, Trello