

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