

# Sangalabor Pujianto

## Full Stack Developer

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### ABOUT

A results-driven Fullstack Developer with a strong foundation in **technical analysis, system design, and software development**. Proficient in **JavaScript/TypeScript, Python, ReactJS, Next.js, Express.js, Prisma, and MySQL**, I excel at bridging the gap between business requirements and technical execution, ensuring seamless system architecture and implementation. Hands-on experience working closely with **SAP development and ERP systems**, which strengthens my ability to deliver integrated, scalable solutions tailored to business needs. Beyond coding, my critical thinking, leadership, and communication skills enable me to collaborate effectively with both technical and non-technical stakeholders, coupled with my **fluency in English and Bahasa**, I'm ready to drive projects forward, and deliver scalable solutions. My ability to **think critically, solve problems efficiently, adapt to new challenges, and eagerness to learn** makes me an asset in any fast-paced development environment.

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### TECHNICAL SKILLS

#### Information Technology:

- HTML, CSS, Javascript, Typescript, React JS, Next JS, Golang, Laravel PHP, SQL, Express JS, PHP, Python, Java, C++, PostgreSQL, Tailwindcss, Bootstrap, MongoDB, Flutter.
- GitHub: <https://github.com/Aebroyx>

#### Creative/Office Tools:

- Figma, Adobe Photoshop, Microsoft Office
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### PROFESSIONAL EXPERIENCE

#### Modena

(March 2024 - Present)

##### Full-stack Developer

- Responsible for the development of fullstack internal projects that accommodate users to directly interact with SAP database and its business processes.

Tech Used: **ReactJS, Laravel, ExpressJS, Golang, HyperfPHP, Tailwindcss, postgresSQL, MongoDB, Flutter**

#### Sagara Technology

(October 2021 - January 2022)

##### Front-end Engineer Specialist Trainee

- Responsible for Front-end and UI/UX at InvestX an equity fund company. Have worked closely with tools such as reactJS and figma to develop the front-end of the project.

Tech Used: **HTML, CSS, ReactJS, Figma**

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### EDUCATION

#### Universitas Gadjah Mada

(2018 - 2023)

International Undergraduate Program (IUP) Computer Science | GPA = 3.31

Academic Thesis: THE DEVELOPMENT OF FACE RECOGNITION SYSTEM IN COMPUTER VISION USING DEEP LEARNING: DEEP SIAMESE NETWORKS METHOD

#### Mentari Intercultural School Bintaro

(2015 - 2018)

International Baccalaureate Diploma Program - Class of 2018

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### BOOTCAMP & COURSES

#### Purwadhika Digital Technology School

(October 2023 - February 2024)

Job Connector Fullstack Web Development | Grade: 90.68 - BEST STUDENT Award

#### EdX & IBM - Cloud Development

(June 2022 - November 2022)

HTML, CSS, and Javascript

## PROJECTS

### Modena SCMP (Supply Chain Management Part)

(September 2025 - Present)

Full-stack Developer (Project Lead)

- Responsible for the full-stack development of SCMP, a comprehensive Supply Chain Management application to manage spare part procurement for Internal Business Use.
- **Built a specialized application to automate and streamline the entire spare part procurement lifecycle, from initial order recommendations to finalized, approved purchase requests.**
- Engineered the core end-to-end workflow, including: **processing data warehouse-driven Order Suggestions, creating Purchase Requests (PR), managing multi-level Approval Flows, and handling PR Revisions/Rejections.** Developed critical data synchronization modules with SAP for core master data (Suppliers, Items, Models, Warehouses) and integrated with SNC (for "Last Lot Order" data) and CSMS (for item images).
- Implemented a comprehensive "Setup" module to manage all master data and user roles, including a dynamic "Configuration" module that defines the core business logic for demand, stock, back-orders, and approval matrices.
- Key features include automated email notifications for all approval/rejection steps, a "Revise PR" workflow for planners, and an "Order Monitoring" dashboard to provide full visibility into the procurement process.
- Led the full development lifecycle, from analyzing Functional Specification Documents (FSDs) to coding the front-end (React Vite) and back-end API microservices (Go/Golang).

Tech Used: **React Vite, Tailwindcss, Golang, GORM, postgresql**

Repo: [UI](#), [Microservice Gateway](#), [Microservice Service](#)

### Modena B2B (Vendor Management System)

(March 2024 - Present)

Full-stack Developer (Project Lead)

- Responsible for fullstack development of Modena B2B a Vendor Management System for Internal Business Use and Vendors.
- **Built a comprehensive mini-ERP** to streamline vendor-dealer transactions, covering key processes such as **purchase requests, purchase orders, goods receipts, asset validation, invoicing, and payments.**
- **Integrated with SAP** for end-to-end data synchronization and seamless enterprise workflows.
- Responsible for developing a comprehensive business process management application designed for dealer-to-vendor transactions. Key features include data mastering for centralized business data management, advanced search and filter capabilities, efficient pagination, and streamlined approval workflows. The application also supports automated email notifications, comprehensive reporting, and secure transactions. Additional functionalities encompass vendor integration, a user-friendly interface, and a robust payment gateway, facilitating seamless operations for purchase requests, purchase orders, goods receipts, asset validation, invoices, and more.
- **Led the full development lifecycle**, from designing scalable system architectures to coding front-end (React.js, Bootstrap) and back-end microservices (Node.js, Hyperf PHP) with PostgreSQL and MongoDB as data stores.
- Collaborated with cross-functional teams from multiple departments to gather requirements, ensure smooth project execution, and deliver **highly efficient** solutions that optimized business processes.

Tech Used: **React JS, Bootstrap, Hyperf PHP, postgresql, MongoDB**

Repo: [UI](#), [Microservice Gateway](#), [Microservice Service](#)

### Modena Website

(October 2024 - January 2025)

Full-stack Developer

- Responsible for a fullstack development of 1 Change Request for a new feature which allows users to scan Modena Genuine Parts and Products QR using their phone and it directs the user to the modena.com website that shows the item's detail.
- Responsible for the development of the website using Laravel PHP and Bootstrap.

Tech Used: **Laravel PHP, HTML, CSS, Bootstrap**

Link: [modena.com](https://modena.com)

## Modena PMS (Project Management System)

(May 2024 - November 2025)

Full-stack Developer

- Responsible for the fullstack development of an agile sprint planner web application, similar to JIRA, for project management. Key features include; **Sprint Milestones:** Users can add tasks with effort measured in story points and manage tasks through drag-and-drop functionality, transitioning tasks from "In Progress" to "Ready to Test," "Defect," and "Done. **Timesheet Management:** Users can input the number of hours spent on tasks to record progress accurately. **QA Integration:** Allows testers to add test cases to each task. Developers can view task-specific bugs/defects and detailed bug information for efficient resolution.
- Responsible for partial development of the website using Node JS, React JS, Tailwindcss, Express JS, Sequelize, postgresql.

Tech Used: **React JS, Tailwindcss, Express JS, Sequelize, postgresql**

Repo: [UI](#), [Microservice Gateway](#), [Microservice Service](#)

## Prime Mart Website

(February 2024 - March 2024)

Lead Full-stack Developer

- Responsible for leading a team of fullstack developers to develop Prime Mart, an online grocery e-commerce web app that allows users to shop online and select store locations. The stores, which have multiple branches in different locations, offer the same products across all branches.
- Responsible for handling the share of tasks with story points for each developer for 5 sprints which accounts for a full 5 weeks.
- Responsible for the full development of the website using Node JS, Next JS, Express JS, Prisma, MySQL.

Tech Used: **Next JS, Express JS, Prisma, MySQL, Jira**

Repo: <https://github.com/Aebroyx/JCWD260201-finpro>

## Autosave Website

(December 2022 - February 2023)

Full-stack Developer

- Static website with a total of 7 pages: landing page, about us, media category etc.
- Responsible for the full development of the website using wordpress php.

Tech Used: **HTML, CSS, PHP, Figma, Javascript, Bootstrap**

Repo: [https://github.com/irgiob/autosave\\_wp\\_theme](https://github.com/irgiob/autosave_wp_theme)

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## PERSONAL INTERESTS

Technical Hobbies:

- PC Builder - skilled in building computers for personal, gaming, and office.
- Custom Mechanical Keyboard Enthusiast - skilled in building keyboards for personal and work use.