



SHENDY PUTRA PERDANA YOHANSAH

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I. Summary

Full Stack Developer (Front-End Focus) with 3+ years of experience building scalable web applications using React.js and modern UI libraries. Strong front-end expertise, with added experience in mobile (React Native), backend (Node.js, Express, databases), and DevOps (GitHub Actions, Firebase, AWS, cPanel, Jenkins). Passionate about intuitive UIs, performance optimization, and continuously expanding skills across the stack.

II. Professional Experience

A. Front End Developer – PT. Daya Dimensi Indonesia (DDI) – Human resources consultant

February 2022 – Present

Responsibilities:

- **Drove product iteration cycles** by actively participating in planning and quality reviews, ensuring timely delivery of high-impact features.
- **Bridged business and technology** by collaborating closely with stakeholders to align requirements with technical implementation, reducing misalignment risks.
- **Enhanced learning management systems** with a strong focus on usability, scalability, and performance, improving end-user satisfaction and adoption rates.
- **Led end-to-end development** of multiple applications, successfully delivering production-ready solutions used across diverse business domains.
- **Built and delivered 80+ features**, including advanced capabilities such as face recognition, video conferencing, dynamic organizational charts, data visualization dashboards, and real-time communication (Chat & Email via Socket).

Key Projects:

- **EnGauge** – Assessment Platform (*Participant & CMS sides, released, internal use*) – Contributed to core features that enabled scalable assessments across multiple user groups.
- **Learning Hub** – Learning Platform (*Participant & CMS sides, released, internal use*) – Improved user engagement by optimizing front-end flows for seamless learning experiences.
- **TPOP (Talent Potential Predictors)** – (*Participant and CMS side, released, internal use*) – Delivered interactive assessment tools that enhanced talent mapping accuracy.

Tech stack: React.js, Redux, Axios, Ant Design, Firebase, and supporting React ecosystem libraries.

- **DASH SaaS** – Delivered a SaaS assessment platform with real-time video conferencing, seamlessly integrated with EnGauge to support live test sessions (*Participant & CMS sides, released, internal use*) – Enabled live assessor-participant interactions, enhancing evaluation accuracy and trust.
- **WISH** – Career discovery & planning platform for students (*Released, education.acelelents.com*) – Integrated EnGauge as the assessment engine and built AI-driven result summaries on WISH to guide students in exploring education and career paths.
- **ACELENTS** – SaaS platform integrating in-house assessment and recruitment tools (*CMS side, in development, internal use*) – Built cross-platform synchronization features to unify the assessment-recruitment lifecycle.
- **PortrAI** – AI-driven assessment platform (*Participant & CMS sides, in development, internal use*) – Enhanced existing DASH platform with AI-powered scenario assessments and AI-agent video conferencing.

Tech stack: Vite.js, Redux, Axios, Ant Design, React.js libraries; TypeScript (PortrAI Participant side).

B. Front End Developer – PT. Mahardika Solusi Teknologi (IDE Asia) – Technology consultant

October 2021 – May 2022, September 2024 – August 2025

Responsibilities:

- **Contributed to BI-FAST**, one of Indonesia's largest banking integration features, enabling faster and more reliable interbank transactions.
- **Implemented Vietnam eTax Payment**, a regional cross-border banking initiative, supporting seamless payment compliance across borders.
- **Delivered 20+ production-ready features** that enhanced customer experience and usability within the banking application.
- **Collaborated with a Big 4 global consulting firm** on a retail/consumer banking platform for a major international bank, ensuring scalability and compliance with industry standards.
- **Worked with cross-functional teams** to build responsive, accessible, and user-friendly banking service interfaces.

Key Project:

- **Banking Platform (BI-FAST & VN eTax features, released, internal use)** – Contributed to mission-critical features supporting scalable, compliant, and seamless banking services across multiple regions.

Tech stack: React.js, Redux, Axios, Material UI, Jenkins, Sonar, and supporting React ecosystem libraries.



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C. Engineer – PT. Bangun Nusantara Engineering (BNE) – Industrial & Energy consultant (Renewable Energy) *November 2020 – June 2021*

Responsibilities:

- Contributed to the development of renewable energy infrastructure, specializing in mini-hydropower projects across Indonesia.
- Produced feasibility study reports for two Mini Hydropower Plants in Aceh (4.5 MW and 7.5 MW).
- Estimated costs and created BOQ for 8 MW PLTM Cirompang rehabilitation project in Garut.
- Conducted geotechnical analysis for slope repair using Slide and Geostudio (solutions included geotextile, sandbag, geobag, and Vetiver grass).

D. Management Trainee Program – PT. Wijaya Karya Rekayasa Konstruksi (WIKAR) – Industrial & Energy constructor *February 2020 – July 2020*

Responsibilities:

- Worked on Engineering, Procurement & Construction (EPC) and Operation & Maintenance projects in the Power Plant, Industrial Plant (Energy), and Oil & Gas sectors. (on site at Batulicin, South Kalimantan).
- Conducted analytical studies for a Biodiesel Plant project (designed CPO tank foundation using SAP2000, and assisted in risk management and cost estimation for foundation work).
- Developed project scheduling and planning for CPO tank construction.

III. Education & Certification

A. Civil Engineering, Bachelor of Engineering, Parahyangan Catholic University | GPA: 2.94/4.00

August 2014 – March 2019

- Completed a final thesis titled: “Settlement Analysis of Pluit Sea View Jakarta Project Using Settle3D Program.”

B. Full Stack JavaScript Developer, Hacktiv8 Indonesia | Final Score: 89.71/100

June 2021 – September 2021

- Completed an intensive 4-month full-time bootcamp covering JavaScript, React, Node.js, and database management.
- Built multiple individual and group projects, including **SayangiKotamu** — a city super-app platform — as the capstone project.

IV. Leadership Experience

A. Co-Founder, Project Estimator, and Civil Engineer – Atelier Jous

October 2020 – June 2021

- Co-founded a small-scale project consultancy focused on residential renovations.
- Delivered end-to-end project management, including drafting shop drawings and preparing cost estimations.
- Successfully led a renovation project valued at **US\$ 4,500**, ensuring on-time and on-budget completion.

V. Organizational Experience

A. General Director of Student Welfare, UNPAR Student Executive Board Member (LKM UNPAR)

June 2017 – June 2018

- Oversaw strategic planning and fund management for welfare-related student events and initiatives.
- Supervised and contributed to the development of internal programs under the Directorate General of Student Welfare and Ministry of Home Affairs.
- Managed student feedback and aspirations, and served as administrator for the *PM UNPAR* website’s Aspiration Tracking system.

VI. Language and Skills

- A. Languages:** Indonesian (Native), English (Proficient; TOEFL 523/677, November 2019), Japanese (Beginner)
- B. Front-end Related Skills:** Next.js, React.js, React Native, Vite, Vue.js, JavaScript, TypeScript, HTML & CSS, Tailwind CSS, Ant Design, Bootstrap, Material UI, Test Driven Development, Jest, Atomic Design
- C. Back-end Related Skills:** Node.js, Express, Sequelize, PostgreSQL, MongoDB, Mongoose
- D. Utilities Skills:** Git, Bitbucket, AWS (EC2 & S3), JavaScript, TypeScript, Jenkins, JIRA, Figma, Confluence, Postman, Firebase, cPanel
- E. General Skills:** Project Management, Leadership, Stakeholders Management, Business Process Improvement, Cost and Change Management, Communication, Networking, Problem Solving, Strategic Thinking



VII. Portfolio

A. **Sonny Salimi – Personal Branding & Civic Engagement Platform (released, previously deployed on sapasonny.com)**

A personal branding website for Sonny Salimi, showcasing his track record as a public servant. The platform also allows citizens to share aspirations and feedback, which are collected, organized, and translated into actionable programs for the community.

Tech stack: React.js, Redux, Axios, Tailwind CSS, Ant Design, Chart.js (**Frontend**); Node.js, Typescript, Express, Sequelize (**Backend**); LookerStudio (**Dashboard**); Github Actions, Firebase, CPANEL (**DevOps**)

B. **Satuteam Gaming App – Gaming Database (released, previously deployed, currently offline)**

A web app that provides Steam game data, including pricing trends and pivot table comparisons visualized through charts.

Tech stack: React.js, Redux, Axios, Tailwind CSS, Ant Design, Chart.js (**Frontend**); Node.js, Express, Sequelize, PostgreSQL (**Backend**)

C. **SayangiKotamu – Smart City Super-App (released, previously deployed, currently offline)**

A digital collaboration platform connecting citizens and local governments to solve urban problems. The ecosystem includes a web-based CMS for administrators and a mobile app for citizens.

Tech Stack: Node.js, Express, MongoDB, Mongoose, JWT, AWS EC2, Jest, Nodemailer (**Backend**); React.js, Redux, Tailwind CSS, Axios, Chart.js, Leaflet, AWS S3 (**Frontend - Website CMS**); React Native, Expo Go, Redux, Google Cloud Vision, Firebase (**Frontend - Mobile User App**)

D. **Lebah Ganteng – Movie & TV Series Database (released, previously deployed, currently offline)**

A movie and TV series database showcasing posters, popularity ratings, and overviews using TMDB data.

Tech Stack: React.js, Apollo Client, React-Bootstrap, AWS S3 (**Frontend**); Node.js, Express, MongoDB, Apollo Server, AWS EC2 (**Backend**)

E. **Sumoku App – Mobile Sudoku Game (released, previously deployed, currently offline)**

A mobile Sudoku game featuring a timer and leaderboard. Built using a public Sudoku API and designed for casual puzzle play.

Tech Stack: React Native, Redux, Axios, Sugoku 3rd Party API (**Frontend**)