

ROBERT

South Jakarta

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A Passionate developer who welcomes challenging projects and never stop learning. Have work through many successful products, be it revamping old one, or creating new one. An excellent communicator with the ability to meet deadlines and quickly resolve.

EXPERIENCE

OCT 2023 – NOW

TECHNICAL LEAD, PT. BUKIT TEKNOLOGI DIGITAL

- Integrating AI into products to bring impact and change day in life of our users
- Implementing **multi-tenant architecture** for SaaS services, **reducing costs** and allowing new tenant deployment to be **seamless**.
- Mentor developers through code reviews and suggest improvement.
- Solving more complex and niche problems that cannot be handled by devs.
- Implementing **micro-frontend architecture** to help products go live easier.
- Implement **Unit Test** for whole technology stack (vue.js, C#, ect)
- Work as **Tech Lead**, **maintain** and **improve** the way teams work on our code base.
- Introducing new technologies to team as **Golang** and **NextJs**.
- Help **Translating** and **Designing** system as business needs.
- Defining **standards** and **structures** that are used on all the code bases.
- Developing **libraries** (C# and **Typescript**) that help **developer move faster** and **lower the cost** of infrastructures, such as logging, background services, and many more.
- Leading multiple teams working on different products, such as **Asset Management** and **Safety Management**, targeting tenants with industry such as **Coal Mining**

MARCH 2022 – OCT 2023

TECHNICAL LEAD, PT. JAYA AGUNG TEKNOLOGI

- Work as **Tech Lead**, **maintaining** (requirement files, npm packages, ect) and improving the way team work on our code base.
- Introducing new technologies to team as **Golang** and **NextJs**.
- Help **Translating** and **Designing** system as business needs.
- Finding ways to improve the **Developer Experience** by introducing or creating new **Modules/Libraries**.
- Defining **standards** and **structure** that are used on all of the code base.
- Developing App using **NextJs (React)**, **Node.js**, **Golang (Fiber)**, and **Django Rest Framework (Python)**.
- Work as a **team of 12 (Scrum)** with 2 UI/UX, 2 front-end, 2 backend, 4 fullstack and 2 QA, with 3 week-sprints.

- Leading the team to move all old **React** projects to **NextJs**, and **Django** projects to **Golang (Fiber)**, and by doing it **improving developer experience, speed up development**, opening more room for more advanced features to be added (**removing technical limitations**)

OCTOBER 2020 – MARCH 2022

SENIOR FULL-STACK DEVELOPER, PT. JAYA AGUNG TEKNOLOGI

- Work as a Senior Full-stack web developer, building, improving and maintaining portal (member site) and backoffice (company site).
- Developing App using **React.js**, **Node.js**, and **Django Rest Framework (Python)**
- Collaborate and doing Integration with 3rd party developer.
- Tech stack following, **RabbitMQ** for async process, **Celery** for system scheduler, **Postgresql** for DB, and **Material UI** with React (**Redux**, Hook, Helmet, **i18n**, ect).
- Leading team for Frontend development (doing POC, designing architecture, SEO), **collaborate with PO and Project Manager** to improve system (features, performance, ect) and doing **Code Review**
- Work as a team of 10 (**Scrum**) with 1 UI/UX, 1 lead, 2 front-end, 2 backend, 3 fullstack and 1 QA, with 3 week-sprints.

OCTOBER 2019 – NOVEMBER 2020

MIDDLE SOFTWARE DEVELOPER, XUENN PRIVATE LIMITED

- Work as a full-stack web developer, mainly working on creating new app.
- Work as a team of 7 (Scrum) with 3 front-end, 3 backend and 1 QA, with 2 week-sprints.
- Developing App using Vue.js, ASP.NET Core Web API
- Using technology like SignalR for real time dashboard, i18n for translation, Vuetify for front-end.
- Leading team for frontend development.

MARCH 2016 – NOW

FULL-STACK DEVELOPER, FREELANCE

- My clients vary from a person, academic institution, to company.
- Utilize the most suitable technology and programming language for the projects (Node.js, Vue, .Net, PHP).
- SDLC also vary from Waterfall, Scrum, to UCD.
- As a full-stack I do Requirement gathering, Analyze the process, Diagrams, Implementation, UAT, maintenance.
- I never and will never try to deliver an unfinished product, I won't be able to sleep.

OCTOBER 2018 – OCTOBER 2019

FULL STACK APPS DEVELOPER, PT. PERTAMINA HULU KALIMANTAN TIMUR

- Work as a full-stack app developer, starting from business analyze, diagrams design trough implementing codes web publishing, and UAT (From Development to Production).
- Reverse engineering to rebuilt legacy app with modern framework, such as vb classic/webform into .NET MVC with Entity Framework and SOAP API Integration.
- Utilized programming capabilities in ASP.NET MVC, ASP Classic, SQL, JavaScript and other libraries as needed.

EDUCATION

NOVEMBER 2018

BACHELOR OF APPLIED SCIENCE, POLITEKNIK CALTEX RIAU

- Graduated summa cum laude with 3.84 GPA
- Majored in Information Technology
- Have work on several team projects both as front end and as back end
- [Check out my research paper on ResearchGate. \(Digital Image Processing\)](#)

KEY SKILLS

- **React, Vue.js, JavaScript, ASP.NET Core, Node JS (Express/NEST)**, PHP (Code Igniter or Laravel), Java, REST/SOAP API, Python (Django Rest Framework).
- **MySQL, PostgreSQL**, T-SQL, NoSQL (MongoDB)
- **Amazon Web Service / Google Cloud Provider**
- Windows / Linux (Ubuntu/CentOS)

RELEVANT PROJECTS

BACKOFFICE AND PORTAL | REACT, DJANGO REST FRAMEWORK, POSTGRESQL | PT. JAYA AGUNG TEKNOLOGI

- Work as senior full stack developer.
- Two web one for member (portal) and one for backoffice users.
- Portal side can have more than million transactions each hour.
- Web is built using React with Material UI for front-end and Python with Django Rest Framework for back-end.
- Leading the front-end development.
- PostgreSQL for database.

BACKOFFICE AND PORTAL | VUE, ASP.NET CORE, MONGO DB | XUENN

- Work as full stack developer.
- Two web one for affiliates and one for back office users.
- Web is built using Vue with Vuetify for front-end and .Net Core API for back-end.
- Leading the front-end development.
- MongoDB and SqlServer for database.

IT MANAGEMENT SYSTEM | C#.NET, JAVASCRIPT, T-SQL | PT. CITRA BINA NIAGA

- Work as full stack developer.
- Internal website for IT employee activities management.
- Database on SQL Server and Web on Visual Studio.

CENTRAL WEB SERVICES | C#.NET, WSDL, T-SQL | PT.PERTAMINA HULU KALIMANTAN TIMUR

- REST Web API built using ASP.NET, to handle data sync that is needed for all the apps available on the company.

LEAVE AND TRAVEL WEB | ASP, JAVASCRIPT, T-SQL | PT.CHEVRON PACIFIC INDONESIA

- Work as full stack developer.
- Internal website for employees leave and travel request.
- A legacy websites that is fully written with ASP with a very complex javascript.
- The web follows all rules from HR department.
- Database on SQL Server and Web on Visual Studio.

CONTRACT AND PROCUREMENT WEB | C#.NET, JAVASCRIPT, T-SQL | PT.PERTAMINA HULU KALIMANTAN TIMUR

- Work as full stack developer.
- Result of reverse engineering of the previous contract websites that run and looks very poorly on modern days.
- Internal website for contracts management that is very heavy on approval level.
- Built using C#.net using MVC framework and entity framework for models.
- A very dynamic entity relationship diagrams are built to ensure websites can went through a very complex and always changing business process.

ACADEMIC SYSTEM | FIREBASE, JAVA, CODE IGNITER | CENDANA HIGH SCHOOL

- Features including academic evaluation, student report, attendance, and their activities
- Back end for website and full stack developer for android development