



# Henry Albiri S

## Software Engineer

### PROFILE

I'm a Software Engineer with over 7 years of experience working across industries such as Marketplace, SaaS, Education and Finance. I have strong experience in modern frontend technologies including Next.js, React, and Vue.js, as well as backend development using NestJS, Node.js (Express), .NetCore C# and PHP Laravel. I also have experience in mobile application development using Kotlin with Jetpack Compose. Currently, I'm focusing on research and development in Large Language Models (LLMs) using Python, and I'm actively exploring AI development with the Phi-4-mini base model. I'm highly interested in AI technology and enjoy learning, experimenting, and building solutions that create real impact.

### WORK EXPERIENCE

#### PT. Renos Id Marketplace | Senior Software Engineer Frontend

2022 – July 2025

- **Marketplace Development:** Delivered a high-performance marketplace app using **Next.js (TypeScript)**, REST APIs, **JWT authentication**, **React Query**, **Styled-Components**, and **SASS**, supporting 10,000+ users and reducing load times **by 40%**.
- **SEO Optimization:** Enhanced search visibility by integrating schema.org (JSON-LD), resulting in a **20%** increase in organic search traffic and higher rankings in Google search results, driving new user acquisition.
- **Next.js Application Upgrade:** Optimized system performance by upgrading from **Next.js 12 to 15**, improving **SSR**, reducing load times **by 30%**, and enhancing development efficiency.
- **Localization Features:** Successfully implemented native function inspired by the next-i18next, enabling seamless multilingual support and reducing localization implementation time **by 50%**.

#### PT. Paket Informasi Digital | Senior Frontend Engineer

2020 – 2022

- **SaaS Development:** Implemented dynamic custom fields in a field operations management app, increasing user satisfaction **by 70%** using **Vue.js**, **Laravel**, and **MongoDB**.
- **Real-Time Application:** Refined feature chat responsiveness with **FeathersJS** and **Socket.IO**, boosting user engagement **by 30%**.
- **Unit Testing:** Achieved **90%** test coverage with **Jest** and **Vue Test Utils**, reducing production bugs significantly.
- **Data Reporting:** Automated export features (**PDF**, **Excel**, **CSV**) for **5,000–20,000** daily records, **saving 15 hours** weekly and improving performance.

#### PT. BFI Finance | Frontend Engineer

2019 – 2020

- **Finance Service:** Delivered a secure web app for 400,000+ users, improving transaction efficiency **by 30%** using **.NET Core**, **C#**, **SQL Server**, and **jQuery**.
- **Frontend Architecture (ReactJS):** Redesigned frontend with ReactJS, boosting load performance **by 65%** and **achieving a 95% Lighthouse score**.
- **API Development (.NET Core):** Developed custom APIs, improving system scalability and reducing API response time **by 25%**.

#### PT Digital Animasi Asia | Technology Specialist

2018 – 2019

- **Certification:** Earned **Google Developer Certificate**, increasing web development skills by **70%**.
- **Front-End Development:** Improved usability by 25% and performance by **30%** using **jQuery** and **Bootstrap 4**. Increased mobile engagement by 70% with responsive design.
- **Back-End Development:** Optimized **Moodle (PHP, Lumen)**, improving efficiency by **30%** and enhancing user experience.
- **Server & Database Development:** Achieved 99.9% uptime, optimized data management with **Load Balancers**, **Query Optimization**, and **Redis SSL/TLS**.

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### EDUCATION

- *Associate Degree in Informatics Management (D3)* – AMIK Serang, 2019
- *Bachelor's in Informatics Engineering (S1)* – Currently pursuing at UNSERA

### SKILL

- **Frontend :** Next.js, React.js, Redux, Vue.js, VueX, Pinia, tailwind css
- **Backend :** Node.js, Express.js, Nest.js, Laravel, DotNetCore, FastApi
- **Programming Language :** TypeScript, JavaScript, NodeJs, PHP, C#, Java, Kotlin, Dart, Python
- **Databases :** MySQL, MongoDB, SQL Server
- **Mobile development :** Jetpack Compose, RxKotlin, Flutter
- **Unit-Testing :** Jest, PHPUnit, junit
- **Tools & DevSecOps :** Git, Github, Gitlab, Docker, Linux, Postman, Ollama
- **LLMs development :** Phi-4-mini

### AWARDS

#### Google Developer Certifications Mobile

#### Web Specialist

2018-12 | Google

#### Node JS

2021-09 | Hackerrank

#### CISCO Networking Academic

2017-12 | CISCO

#### JavaScript

2021-09 | Solearn

#### PHP

2021-09 | Solearn

#### React & Redux

2021-09 | Solearn

#### SQL

2021-09 | Solearn

#### Responsive web design

2021-09 | Solearn