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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 | Sololearn

PHP
2021-09 | Sololearn

React & Redux
2021-09 | Sololearn

SQL
2021-09 | Sololearn

Responsive web design
2021-09 | Sololearn

PORTOFOLIO

🌐 https://henryas.com/

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.**