Kevin Semilla

Professional Summary

Experienced Software Engineer with 4 years extensive experience in developing and maintaining scalable applications for both startups and established companies. Proficient in modern web technologies such as Python, JavaScript, Django, React, TypeScript, and cloud platforms like AWS. Skilled in building and optimizing web applications, with a focus on both frontend user experiences and backend efficiency. Adept at solving complex technical challenges, improving application performance, and working in collaborative teams.

Relevant Experience

Exploration
Full Stack Software Engineer *MAY 2021 — Present*
California, USA (Remote)

- Developed and maintained scalable web applications using Python, Django, and FastAPI to deliver robust backend APIs
- Created modern, reusable UI components using React and Tailwind, enhancing frontend scalability and maintainability
- Doubled the execution speed of the royalties script, resulting in significant overall performance improvements across the application
- Led the adoption of TypeScript in the development team, leading to improved code quality, developer productivity, and a more consistent development experience
- Streamlined the local development environment by introducing Docker, enabling the seamless orchestration of multiple applications and improving team efficiency
- Collaborated with cross-functional teams to identify and fix bugs, improve performance, and implement new features

ExecOS
Software Engineer *JANUARY 2020 - MAY 2021*
TENNESSEE, USA (Remote)

- Developed a payment gateway using integration of Stripe in frontend and backend
- Collaborated closely with the team lead and CEO to deliver a high-quality product
- Integrated cryptocurrency APIs to power the core dollar-cost averaging (DCA) feature for an investment web application
- Developed and maintained web application using React and Django

Convoluted Technologies
Mechanical Engineer *FEBRUARY 2018 - APRIL 2019*
SEVEN HILLS NSW, AUSTRALIA

- Provide technical support for customers and sales team
- Maintain and oversee production to deliver client needs on time

Concepcion-Carrier
Application Engineer *MARCH 2017 - SEPTEMBER 2017*
ALABANG, PHILIPPINES

- Provided immediate technical support for Sales Engineers to achieve target sales
- Handled cost sheets, quotations, and other needed documentation

Philippine Batteries Inc
Plant Engineer *JULY 2016 - JANUARY 2017*
BULACAN, PHILIPPINES

- Led special projects on Energy Efficiency Management
- Handled project cost and savings for air conditioning of the rectifier room

Contact Details

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github.com/ksemilla

Skills

Programming Languages
Python, JavaScript, Golang, Typescript
HTML, CSS

Libraries & Frameworks
React, Nextjs, Svelte, Django, Fastapi, Nestjs, Go chi, Tailwind, MaterialUI, MantineUI, REST, GraphQL

Tools & Platforms
Git, Github, Bitbucket, AWS, Vercel, DigitalOcean, Docker, Algolia, Firebase

Selected Projects

Hello Contractors
A job posting site including a directory of contractors

Intervengine
Health management system where businesses and health providers engage and empower their customers

Investment application
A web application for investing in cryptocurrency with DCA method

Education

University of the Philippines
Mechanical Engineering
2010 - JANUARY 2016 GWA 1.85

Strathfield College *Sydney NSW*
Information Technology
APRIL 2023 - SEPTEMBER 2024