Kevin Semilla

Experienced full-stack engineer focused on
building products for the web

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Telopea, NSW
Australia 2117

Experience

Software Engineer · Exploration   MAY 2021 — Present
California, USA (Remote)

- Deliver high-quality, robust production code for a diverse array of projects for multitude of services as a full-stack
- Built RESTful APIs for authentication, permissions, and token management with improved control in database calls
- Successfully introduced and promoted the adoption of Typescript for development in frontend
- Optimized local development for the engineering team by introducing Docker to orchestrate multiple applications
- Improved a backend service performance by utilizing asynchronous views to process concurrent requests efficiently

Software Engineer · ExecOS   JANUARY 2020 — MAY 2021
TENNESSEE, USA (Remote)

- Developed a payment gateway for this startup company using integration of Stripe in frontend and backend
- Liaise with team lead and CEO to build and ship a well-designed product
- Integrated cryptocurrency APIs to accomplish backbone of a DCA feature of the web application for investment
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Mechanical Engineer · Convoluted Technologies   FEBRUARY 2018 — APRIL 2019
SYDNEY, AUSTRALIA

- Provide technical support for customers and sales team
- Maintain and oversee production to deliver client needs on time
- Lead restorations of critical safety equipment to minimize customer production downtime

Application Engineer · Concepcion-Carrier   MARCH 2017 — SEPTEMBER 2017
ALABANG, PHILIPPINES

- Provided immediate technical support for Sales Engineers to achieve target sales
- Attend pre-bid and sales meetings. Manage and interpret customer requirements
- Handle cost sheets, quotations, and other needed documentation

Plant Engineer · Philippine Batteries Inc   JULY 2016 — JANUARY 2017
BULACAN, PHILIPPINES

- Lead special projects on Energy Efficiency Management including Hybrid Solar ACUs and waste heat recovery system
- Handled project cost and savings evaluation for air conditioning of the rectifier room

Skills

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

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

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

Selected Projects

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

Hello Contractors
A job posting site and a directory of contractors

Investment application
A web application for investing in cryptocurrency with DCA method with integration of Stripe

ksemilla.com
Personal website written in Svelte with a Golang backend

Education

Strathfield College · Sydney NSW
Information Technology
Project management, database development, website design and programming

University of the Philippines
Mechanical Engineering
JAN 2016 - GWA 1.85