

# Kevin Semilla

## Contact Details

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## 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

### Convolutd 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

## 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