

Contact

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Top Skills

Artificial Intelligence (AI)
Python (Programming Language)
TypeScript

Rowell Camero

AI software developer | Full-stack
Taguig, National Capital Region, Philippines

Summary

Full-Stack AI Engineer with 8+ years of experience building scalable software and intelligent systems. Strong expertise in AI/ML development, real-time data processing, and automated decision-making systems, with a proven track record in algorithmic trading, predictive analytics, and pattern recognition. Skilled in JavaScript/TypeScript (React, Node, Angular), Python, PHP, and mobile development (Flutter, React Native), with deep experience in designing AI-driven architectures, optimizing trading algorithms, and deploying machine learning models in production. Combines software engineering rigor with cutting-edge AI innovation to deliver high-performance systems.

Experience

Ecolis nl

AI Software Engineer

January 2025 - Present (5 months)

Netherlands

- Developed a modern ESG (Environmental, Social, Governance) analytics web application enabling companies to track, analyze, and manage their emissions and sustainability data.
- Frontend: Built with React and Tailwind CSS, featuring a responsive, theme-aware UI (light/dark mode), advanced data tables, search/filter, and modal forms for CRUD operations. Ensured seamless user experience with dynamic theming and accessibility.
- Backend: Designed and implemented RESTful APIs using Node.js and NestJS, including robust authentication, file/document upload, and comprehensive CRUD endpoints for emissions/analytics data. - Integrated with a database for persistent storage and efficient querying.
- AI Integration: Incorporated AI-powered features for document analysis and emissions data extraction, automating the ingestion and classification of sustainability documents.

AI-POMA

AI Software Developer

January 2024 - January 2025 (1 year 1 month)

Germany

- Developed a sophisticated AI-driven trading platform that implements multiple automated trading strategies (HFT, LFT, AUTO)
- Implemented real-time market analysis using advanced technical indicators (MACD, RSI, Stochastic, Connors RSI)
- Built automated trading decision systems with pattern recognition and predictive analytics
- Integrated real-time market data processing and analysis for multiple timeframes
- Designed and implemented complex data structures for market data analysis and historical pattern recognition
- Created automated trading strategies with risk assessment and volatility analysis
- Developed a robust system for processing and analyzing large volumes of market data in real-time

UHS Logic

Frontend Developer

January 2023 - January 2024 (1 year 1 month)

Australia

- Led development of a spreadsheet-database platform using ReactJS, TypeScript, and C#/.NET with PostgreSQL.
- Designed a flexible interface with customizable tables, forms, and diverse field types (text, numbers, dates, attachments).
- Built EditTableManage, a reusable component enabling dynamic data structures and reducing page build time to under an hour.
- Collaborated with backend developers to deliver a scalable, user-friendly solution, boosting productivity and efficiency.

Coreform Ltd

Full Stack Engineer

March 2022 - January 2023 (11 months)

Australia

- Developed a delivery process application using NestJS (TypeScript) for the backend and ReactJS (TypeScript) for the frontend, with PostgreSQL for database management.

- Integrated DocuWare API for document signing, approval, and tracking, ensuring secure and seamless workflows.
- Implemented offline functionality using IndexedDB and built a signature-drawing feature with HTML5 Canvas.
- Designed RESTful APIs and optimized the application for performance, scalability, and data integrity.
- Successfully delivered a comprehensive solution for delivery companies, handling driver attendance, delivery results, price calculations, and more.

Doxel

Senior Software Engineer, REMOTE

August 2021 - March 2022 (8 months)

- Architected and led a development team building web and mobile apps.
- Participated in team-building activities to enhance working relationships.
- Planned, wrote, and debugged web applications and software with complete accuracy.
- Actively listened to customers' requests, ensuring a comprehensive understanding before addressing concerns and providing effective solutions.
- Collaborated with project managers and other engineering groups to plan and prioritize projects and then break them into scrum epics and stories for my teams (agile)

DENSO

Software Developer, REMOTE

April 2018 - March 2021 (3 years)

- Created and deployed new features in order to sustain and amend existing applications under MVC pattern.
- Leveraged extensive experience in NFT marketplaces, NFT sales, DeFi, and near-blockchain projects (such as p2p exchangers, automatic exchangers, turn-based games with backend logic + contracts) to drive innovation and deliver impactful solutions.
- Developed 10+ new application features and distributed services that support high-scale applications.
- Developed Mobile Native/Hybrid applications for Android and iOS platforms using Java, Xcode, React Native, and Flutter, delivering seamless user experiences.
- Collaborated with management and associates to strategize and promote store events and sales, such as marketing and design.

Astra

Full-stack Developer

May 2015 - June 2017 (2 years 2 months)

- Reduced bugs pre-deployment by 70%, increasing production efficiency.
- Wrote 200+ unit tests to verify the functionality of user interfaces, backend processing, connectivity, and relational database interactions.
- Set up a testing framework for team projects using Mocha and Chai to test the Node API. This decreased the amount of bugs pre-deployment by over 70%.
- Designed and developed 20+ front-end and back-end applications utilizing React.js, Node.js, and TypeScript.
- Identified and corrected 10+ bottlenecks and 100+ bug fixes.
- Developed a web application for an IT support company that involved building Python back-end and JavaScript front-end. Also built charts to visually display information about client computers.

HCL Technologies

Frontend Developer

November 2013 - August 2014 (10 months)

- Worked with clients to develop layout, color scheme for their website and implemented it into a final interface design with the HTML/CSS and JavaScript.
- Created webpages according to client's guidelines and standards throughout the development and maintenance of the website using HTML, XHTML, CSS and JavaScript.
- Designed web pages using XHTML and CSS/CSS3 and Implemented functionality in JavaScript.
- Mentored 12 new junior & middle front-end developers on the team in expanding JavaScript, React, and Angular skillset.

Education

Centro Escolar University

Bachelor's degree, Computer Science · (April 2008 - October 2013)