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# Kevin Le

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## WORK EXPERIENCE

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**Senior Software Engineer** | WaterMelonMarkets | San Francisco, CA **06/2023 - Current**

- Drove a 200% surge in transaction volume within three months by overhauling and relaunching WaterMelonMarkets into a two-sided, eBay-like marketplace as the company's primary full-stack developer.
- Built key features that streamlined transactions and expanded product functionality, addressing top customer pain points. Architected and shipped full-stack solutions, writing nearly all of the codebase, including core business logic in Python (Django) and frontend integrations using JavaScript, HTML, CSS, and HTMX.
- Shaped product strategy by prioritizing features for development from user feedback. Collaborated with the CEO and Engineering Manager to translate high-level goals into technical specifications.
- Enabled leadership to assess a potential pivot by prototyping a Solana blockchain marketplace in 2 months. Gained proficiency in Rust and the Anchor framework to quickly execute and deliver the MVP.

**Software Engineer (Contract)** | Shibuya.xyz | New York, NY **01/2023 - 06/2023**

- Built key features for Dominion X, an animated series by Steve Aoki and Stoopid Buddy Stoodios (creators of Robot Chicken) on Shibuya's platform for independent creators. Implemented an innovative voting system in the video player, using React and Tailwind, allowing the community to directly vote and shape the storyline.
- Led the technical implementation of Shibuya's website redesign. Transformed the site from a single-show focus to a multi-IP platform, and implemented the redesign using Tailwind CSS.

**Software Engineer** | Vitesse Automation | Los Gatos, CA **05/2022 - 01/2023**

- Developed user interfaces for two products: "Telemetry" (machine performance tracking) and "Gateway" (hardware discovery and integration), enabling non-technical personnel to effectively connect and integrate devices, monitor production, and improve operational visibility in manufacturing environments.

**Software Patent Examiner** | United States Patent and Trademark Office | San Jose, CA **04/2021 - 01/2022**

- Granted patents for software inventions in Artificial Intelligence and Autonomous Vehicles based on novelty.

## PROJECTS

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**Notarix** | NextJS, React, Solidity, Polygon, SKALE, Sign Protocol, Synaps, Vercel [view live](#) | [github](#)

*A secure, ID-verified notarization platform that allows users to notarize documents via blockchain technology.*

- Won a prize from Circle at ETHGlobal San Francisco 2024 for utilizing USDC for near-instant payments.
- Developed the Solidity smart contract that enabled USDC payments and created the user interface.

**Stack Overclone** | React, Redux, TypeScript, Ruby on Rails, SQL, Webpack, Heroku [view live](#) | [github](#)

*Full stack clone of the popular Q&A site Stack Overflow - built with React, Redux, and Rails on Rails over a 2 week timeframe.*

- Designed complete backend architecture including user authentication, Rails routes, controllers, PostgreSQL database, RESTful API and endpoints, enabling full CRUD action for questions, answers, and votes.

## SKILLS

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**Languages** | JavaScript, TypeScript, Python, Ruby, Rust, C#, MATLAB, Solidity

**Technologies** | React, NextJS, Django, Node, Ruby on Rails, Google Cloud, AWS, Kubernetes, Docker, PostgreSQL, MongoDB, Express, Redux, Vercel, Heroku, HTMX, HTML, CSS, Tailwind CSS, Bootstrap, Vercel

## EDUCATION

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**University of California, Davis** | Bachelor of Science in Aerospace Engineering, Minor in Philosophy