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# Kevin Le

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## WORK EXPERIENCE

**Software Engineer** | WaterMelonMarkets | San Francisco, CA                    06/2023 - 01/2025
- 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 using React, 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 1 month. Leveraged Rust and the Anchor framework for backend development and built the frontend using React and Next.js 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 Next.js, React and TailwindCSS, 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 monitor and control manufacturing devices.

## PROJECTS

**Logwatcher** | Python, Django, PostgreSQL, Chart.js, HTMX, AWS                    view live | github
*A real-time dashboard that monitors and visualizes web traffic patterns, built from scratch without use of heavy libraries*
- Built a real-time monitoring system using Django and Server-Sent Events that tracks and displays key web metrics (response times, error rates, traffic volume) with live updates and interactive time windows

**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.

**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 auth, PostgreSQL database, RESTful API endpoints, enabling full CRUD action for user questions, answers, and votes.

## SKILLS

**Languages** | Python, TypeScript, JavaScript, Ruby, Rust, MATLAB, Solidity
**Technologies** | Django, React, NextJS, Node, Google Cloud, AWS, Kubernetes, Docker, PostgreSQL, MongoDB, Vercel, HTMX, HTML, CSS

## EDUCATION

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