Kevin Le

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TECHNICAL SKILLS

Front-End | TypeScript, React, JavaScript (ES5/ES6), Redux, HTML5, CSS3, TailwindCSS
Back-End | Python, Node.js, Express, PostgreSQL, MongoDB, MySQL, RESTful API, Cloud Firestore
Testing/Deployment | Jest, Mocha, Chai, Cypress, Testing Library, AWS: EC2 / RDS / S3, TDD
Developer Tools | Vim, Git, npm, Vite, Webpack, Babel, Agile Methodology, Scrum

RELEVANT PROFESSIONAL EXPERIENCE

Payroll Tax Analyst | UKG   2019 - 2022
- Using Microsoft SQL Server, extracted 100,000+ lines of payroll data from companies and performed ad-hoc data analysis with Excel Pivot Tables.
- Built Business Intelligence reports in Salesforce CRM that identified a list of quick turnaround cases to be assigned to analysts, increasing quarterly per-person-production by 33%.
- Programmed Python scripts to automate tasks in everyday work processes.
- Assisted management with the building of Salesforce BI Dashboards to track intra-team production.

SOFTWARE APPLICATION DEVELOPMENT EXPERIENCE

Backend Engineer | **Incredible** | *Repo* | *NGINX, Loader.io, AWS: EC2, k6, Redis*   1/2023 - present
Transformed a monolithic legacy e-commerce site into a modern microservices architecture
- Improved throughput of service from 200RPS to 3500RPS, by leveraging NGINX as a load balancer and horizontally scaling with 3 additional EC2 servers.
- Developed high-performance SQL queries using PostgreSQL aggregate functions to extract data and convert it into JSON format for consumption through RESTful API endpoints.
- Load tested with K6 and Loader.io to identify performance bottlenecks in EC2 CPU utilization and in SQL queries leading to a 1000ms faster query on the heaviest route.
- Increased API capacity 46% by implementing Redis caching layers on each server.

Frontend Engineer | Mecca | *Repo* | *React, Javascript, Express, Node.js, Jest*   2023
User interface for the ratings and the reviews widget of a single page e-commerce application
- Improve first contentful paint by 6000 ms to <2000 ms by implementing code splitting with React lazy loading.
- Designed and developed reusable components for displaying ratings and reviews, including star ratings, user reviews, and sorting/filtering options.
- Implemented a website click tracker via React's useContext hook to gain insight into user behavior.
- Integrated with backend APIs to fetch and display user-generated reviews and ratings for products.

Fullstack Engineer | **Harper Woodward |** *Repo* | *Redux, Firebase Auth, Cloud Firestore*   2023
A modern streaming platform where artists can connect with their fans.
- Designed a sleek, intuitive and responsive UI/UX that enhances the user's experience, encourages engagement and adapts to all screen sizes, enhancing usability on mobile devices.
- Utilized Cloud Firestore to efficiently query the database and retrieve video data, resulting in faster load times and improved performance.

EDUCATION

Hack Reactor | Certificate in Advanced Software Engineering   3/2023
University of California, Irvine | B.A. in Economics   2017
- Intro to Python, Intro to Linear Algebra