

Edmond Lee

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TECHNICAL SKILLS

- Languages: JavaScript (Proficient), Hack (Proficient), Java (Prior Experience)
- Libraries and Frameworks: React, Node.js, React Router, Relay, Redux, Bootstrap, jQuery, Jest, Enzyme
- Tools and Technologies: Git, VS Code, MySQL, Docker, GraphQL, AWS, HTML5, CSS, Webpack, Flow, ESLint, Travis CI, Redis, Trello

WORK EXPERIENCE

K2 @ Facebook, Software Engineer, Menlo Park, CA 2019 - Present
Fulfilled engineering role for Enterprise Products and Legal Tech teams

- Implemented automation for privacy response to save up to 30 hours per week of manual processing and triage for 5000+ total records
- Assisted development of an internal tool designed to migrate legal teams to an ecosystem and source of truth for 500+ legal matters
- Automated a manual process of 20+ steps to sync patent related data between Workday and Salesforce platforms from monthly to processing 1000 records daily

JourneyTEAM, Software Developer Contractor, Salinas, CA 2016 - 2018
Implemented software and electronics for agricultural applications

- Designed software and hardware components for a QR scanning system with a Raspberry Pi connecting to mobile apps through Bluetooth LE for food traceability
- Implemented the QR scanning with 75% improved speed and at 50% the cost of a competitor design with OpenCV and Python multiprocessing
- Designed front facing web apps with Django to monitor and control agricultural IoT systems

PROJECTS

HighwayVisualizer - Full-stack road system visualizer application

- Designed a React application to allow one to visualize road systems and to designate and view traveled route segments on Leaflet
- Improved query times for route coordinate data by 90% through MySQL indexing and API response caching with Redis
- Deployed application on Oracle Cloud, can be visited at <https://iamtechknow.dev>

Hivefunder - System design of crowdsourcing web application

- Implemented database with PostgreSQL with 10M records of campaign data and indexing to reduce query times from 10 seconds to 0.2 seconds
- Scaled microservice and proxy Node.js servers load balanced by Nginx on Amazon EC2 T2.micro instances, tripled concurrent user request rate to 1500 per second
- Improved legacy codebase with React server-side rendering and removing redundant dependencies from Webpack bundle

Wander-Lodge - Short term rental website

- Rendered a checkout widget with React bundled with CSS modules that integrates with a calendar to calculate availability and rental price
- Built test suite to unit test React components with Jest and Enzyme to achieve 80% code coverage
- Lead teammates to deliver decoupled services of the site to AWS EC2 with Docker

EDUCATION

UC Santa Cruz, Bachelor of Science, Computer Engineering 2016
Santa Cruz, CA

Hack Reactor, Advanced Software Engineering Immersive Program 2018