KOLTEN EDWARD

Software Engineer

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Professional Experience

Skypher LLC
Nov. 2023 – Current

Chief Everything Officer — *Westminster, CO*

- Engineered couponcatchapp.com, a robust enterprise application that empowered thousands of users to seamlessly track cash-back eligible purchases.
- Produced high-performance **Next.js** landing page, achieving remarkable Lighthouse scores of 99, 92, 100, and 100, with a First Contentful Paint of 500ms.
- Revamped the application architecture by migrating from **React.js Native** to **TypeScript Ionic React.js**, reducing mobile app development time by 40%.
- Designed and implemented a scalable **Node.js Express.js MVC** framework, integrating **Google Cloud's Document AI** for high-performance OCR of receipts, improving data accuracy by 15%, from 93% to 98%.
- Enhanced user sign-up efficiency using Firebase Authentication, reducing development time by 30%, from 7 days to 5 days, while improving security.
- Streamlined domain routing by deploying scalable **AWS CloudFront** and **Route 53** solutions, ensuring high availability and reliability for critical services with 99.95% uptime
- Deployed a comprehensive **CI/CD** pipeline leveraging **Git**, reducing deployment times and accelerating project delivery by 25%, from 35 minutes to 26 minutes.
- Developed high-efficiency **RESTful API**s for receipt management, decreasing server response time by over 30ms, from 200ms to 170ms.

100Devs
Aug. 2022 – Current

Software Engineer — *Los Angeles, CA*

- Worked together with cross-functional teams to implement **Agile/Scrum** methodologies, increasing sprint completion rates by 18%, from 110 to 130 tickets resolved per sprint.
- Optimized **AWS CodePipeline**, mentoring junior team members on best CI/CD practices, increasing weekly deployments by 33%, from 4 to 6 deployments.
- Developed a scalable **RESTful API** in **Node.js Express.js**, integrating advanced features like authentication and caching, improving app efficiency by reducing load time by 40%, from 1.5 seconds to 900ms.

100Devs
Mar. 2021 – Aug. 2022

Front-end Developer — *Los Angeles, CA*

- Refactored code with **Pug** and **Bootstrap**, increasing user engagement by 22%, from 365 to 468 weekly visits.
- Led the adoption of automated front-end testing, reducing manual testing time by 70% from 5 days to 1.5 days, enhancing code quality with **Jest**, **Selenium**.
- Established lazy loading and caching strategies, reducing load times by 74%, from 1.655 seconds to 426 milliseconds.

Costco Wholesale
Oct. 2017 – Mar. 2021

Supervisor — *Denver, CO*

- Increased members per hour from 52 to over 60 by optimizing workflows, enhancing productivity by 15%, reducing queue times significantly.
- Authored custom spreadsheets for inventory management, reducing damaged products by 51%, from $1,900 to $930 per week, saving the company $1,000 weekly.
- Collaborated with the team using CRM systems to increase executive membership upgrades, improving the team's regional ranking from 7th to 3rd.

Education

North Iowa Area Community College
Sept. 2009 – May 2011

Associate of Arts — *Mason City, IA*