

Kanat Osmon

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Professional Summary

Results-driven Front-End Developer (4+ years) and SDET (2+ years) with expertise in **React.js, TypeScript, and Redux**, improving **web performance** by **30%** and **test coverage** to **95%**. Delivered high-impact features at **Bank of America**, reducing **user errors** by **15%** and **API calls** by **25%**. Experienced in **Agile, CI/CD, AWS**, and **test automation frameworks (Selenium)** ensuring secure, scalable applications across **Banking** and **E-commerce domains**. Passionate about crafting **intuitive, high-quality software** that drives **business growth** and exceptional **user experiences**.

Skills

Front-End Development & UI/UX

React.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Redux, Context API, Material-UI, Tailwind CSS, GraphQL, Three.js, WCAG Accessibility, Responsive Design

Back-End Development & APIs

Node.js, Express.js, REST APIs, MongoDB, Firebase, RTK Query, API Integration, SQL, JSON

Testing, Automation & DevOps

Jest, React Testing Library, Selenium, Cucumber, BDD/TDD, Rest Assured, Postman, AWS Certified Cloud Practitioner, Jenkins, Git, Agile (Scrum, Kanban), CI/CD

Professional Experience

Bank of America — San Jose, CA
Frontend Software Engineer

July 2023 – Present

- Contributed to the migration of the Wires application, modernizing components using **React, Redux**, and **TypeScript**, while ensuring **WCAG 2.1 Level AAA compliance** for accessibility.
- **Resolved 50+ complex technical bugs** resulting from the migration, **improving uptime**, and significantly boosting performance and user satisfaction through advanced debugging and problem-solving.
- Designed an **address suggestion flow** (modal for desktop, bottom sheet for mobile), reducing user errors **by 15%** and enhancing data accuracy.
- Built **reusable, modular components**, reducing code redundancy by **20%** and integration time by **30%**, accelerating feature delivery.
- Collaborated with **backend developers** and product managers to design and implement a self-service transaction cancellation feature, enabling customers with direct control and reducing dependency on banker assistance by **40%**.
- Implemented GraphQL for optimized data fetching, reducing API calls by 25% and improving front-end performance by enabling selective data queries.

Edmunds — Santa Monica, CA
Frontend Engineer

April 2021 – July 2023

- Developed **100+ reusable UI components** with **React** and **TypeScript**, ensuring adherence to **accessibility standards (WCAG)** and **cross-browser/device compatibility**.
- **Optimized web performance** by integrating **Material UI, React Hooks**, and **Context API**, enhancing user experience and boosting system stability.
- Boosted **test coverage** to **95%** by creating **200+ unit tests** with **Jest** and **React Testing Library**, resulting in significantly improved software reliability.
- Designed and implemented **mobile-first, responsive UI** leveraging **modern CSS techniques** to ensure a seamless experience across multiple devices.
- Built a scalable **CRUD application** using **RTK Query, REST APIs, Node.js**, and **Express.js**, ensuring seamless integration and robust backend performance.
- Spearheaded the development of **data-driven visualizations with Three.js**, providing impactful data insights and enhancing **business intelligence** tools.
- Developed and integrated backend services using **Node.js, MongoDB**, and **Express.js**, ensuring secure, performant server-side applications.

- Collaborated with **cross-functional teams** including product managers, **UX/UI designers**, and **backend developers** to deliver **high-quality, user-focused solutions** on time.

Illumio — Sunnyvale, CA
Quality Assurance Tester

May 2019 – March 2021

- Developed **automated test scripts** using **Selenium, Cucumber, and Java**, achieving **85% automation coverage** for functional, regression, and cross-browser testing across Chrome, Firefox, Safari, and Edge.
- Designed and executed **REST API testing** using **Rest Assured and Postman**, validating JSON data and HTTP status codes to ensure API reliability and performance.
- Collaborated with Agile teams to analyze business requirements, develop test plans, and implement **BDD/TDD methodologies**, ensuring alignment with user stories and acceptance criteria.
- Monitored application and infrastructure performance using **AWS CloudWatch**, tracked defects in **JIRA**, and utilized **Git/GitHub** for version control, streamlining CI/CD pipelines and improving deployment reliability.
- Conducted **database testing** using **SQL queries** and **JDBC**, ensuring data integrity and accuracy across Oracle databases.
- Conducted **manual UI testing** across multiple **browsers** and **devices**, ensuring **responsiveness, usability**, and adherence to design specifications.

Education

Master of Business Analytics (MBAN)

Hult International Business School | San Francisco, California

Master of Science in International Business (MIB)

Hult International Business School | San Francisco, California

Bachelor in Business Administration, Finance and Accounting (BA)

American University of Central Asia | Bishkek, Kyrgyzstan