

Michael Montero *Software Developer*

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Summary

- Results-driven **Software Developer** with orientation towards **Frontend** with **3+ years of experience** developing high-performance web and mobile applications. Expertise in **React.js, Next.js, TypeScript, and GraphQL**, with a strong foundation in **backend technologies like Node.js, Express.js, and Python (Django, FastAPI)**. Skilled in building scalable **server-side rendering (SSR) and static site generation (SSG) solutions** while optimizing UI/UX using **Tailwind CSS, React Native, and Styled Components**.
- Proven ability to integrate and manage **RESTful & GraphQL APIs**, streamline **state management with Redux & Zustand**, and deploy cloud-based applications on **AWS (S3, Lambda, EC2)** with **Docker & Terraform**. Experienced in **CI/CD automation using GitHub Actions** and ensuring accessibility compliance with **WCAG & performance optimizations via Lighthouse**.

Skills

Languages & Frameworks: JavaScript, TypeScript, Python, HTML, CSS, SCSS, React, Next.js, React Native, Redux, Vue.js.

UI & Styling: Bootstrap, Tailwind CSS, Material-UI (MUI), Chakra UI, Styled Components, Ant Design.

State Management & Performance: React Context API, Zustand, Redux Toolkit, Recoil, React Profiler, Lighthouse.

Testing & CI/CD: Jest, Vitest, Cypress, Playwright, Testing Library, pytest, GitHub Actions, CircleCI.

Backend & Databases: Express.js, Node.js, FastAPI, Flask, Django, Prisma, PostgreSQL, SQLite, Firebase, MongoDB, GraphQL.

Cloud & DevOps: AWS (S3, Lambda, EC2), Docker, Kubernetes, Terraform, Vercel, Netlify.

Version Control & Workflow: Git, GitHub, GitLab, Bitbucket, Agile, Scrum, Jira.

Professional Experience

Software Developer, *DXC Technologies*

Oct 2023 – present | Remote, US

- Architected and deployed Next.js applications with server-side rendering (SSR) and static site generation (SSG), improving performance and SEO rankings.
- Developed reusable, scalable UI components using React.js, TypeScript, and Tailwind CSS, enhancing maintainability and design consistency.
- Integrated GraphQL APIs to optimize data fetching, reducing client-side requests and improving application responsiveness.
- Orchestrated API communication using REST and GraphQL, streamlining backend interactions with efficient state management via Zustand and Redux Toolkit.
- Enhanced backend capabilities by implementing Node & Express endpoints, ensuring seamless API connectivity with frontend applications.
- Built cross-platform mobile applications in React Native, optimizing performance for both iOS & Android platforms.
- Implemented mobile-friendly UI components with React Native Paper and Styled Components, ensuring design consistency and accessibility across devices.
- Integrated push notifications & deep linking using Firebase Cloud Messaging (FCM), enhancing mobile user engagement & navigation.
- Deployed & managed applications on AWS - S3, leveraging cloud scalability for optimized performance & cost efficiency.
- Containerized and automated deployment pipelines using Docker and Terraform, ensuring consistent environments, efficient resource provisioning, and seamless infrastructure scalability.
- Collaborated with UI/UX designers and backend engineers to align technical implementations with business requirements, ensuring a seamless user experience across web and mobile platforms.

Software Engineer - Frontend, *Dell Technologies*

Apr 2021 – Sep 2023 | Remote, US

- Developed responsive and high-performance web applications using React, TypeScript, and GraphQL, ensuring seamless UI/UX implementation based on design specifications.
- Engineered reusable frontend components by maintaining and extending the company's design system library, improving development efficiency and UI consistency.
- Integrated RESTful APIs and GraphQL endpoints with frontend applications, optimizing data fetching and state management using React Context API and Zustand.
- Optimized web performance using Lighthouse, React Profiler, and DOM manipulation techniques, reducing page load time and enhancing overall user experience.
- Collaborated with backend engineers to implement secure authentication using JWT & authorization best practices.
- Implemented CI/CD workflows using GitHub Actions & Docker, ensuring smooth deployment processes & faster release cycles.
- Refactored and modularized legacy frontend code, replacing outdated patterns with modern React Hooks, Next.js, & TypeScript best practices.
- Conducted comprehensive testing using Jest, Cypress, and Playwright, increasing application reliability and reducing post-deployment bugs.
- Resolved cross-browser compatibility issues & ensured accessibility compliance by adhering to WCAG, HTML5, CSS best practices.

Education

Full Stack Software Certificate, *DevSlopes*

2022 – 2024 | Remote, NY

Bachelor's in Computer Science, *TCI College of Technology*

Sep 2017 – Sep 2019 | NY, USA