Sumit Rodrigues

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EDUCATION

California State University, Fullerton   Fullerton, CA
Master of Science, Computer Science (GPA 3.8/4.0)   *August 2023 - Present*
Relevant Courses: Advanced Algorithms, Advanced Blockchain , Cloud Computing, Advanced Database Systems

University of Mumbai, India   Mumbai, IN
Bachelor of Engineering, Computer Science (GPA 3.25/4.0)   *August 2017 - May 2021*
Relevant Courses: Operating Systems, Artificial Intelligence, Data structures, Object-oriented programming

PROFESSIONAL EXPERIENCE

Web Developer Student Assistant   August 2023 – Present
California State University - College of Communication   *Fullerton, CA*

- Built responsive web applications using **React.js**, **TypeScript**, and **SCSS**, ensuring smooth user experiences across desktop and mobile devices
- Translated **Figma designs** into interactive**, reusable React components**, improving development speed and visual consistency across projects
- Collaborated with backend teams to **integrate REST APIs**, handling **data fetching, error management, and dynamic rendering** on the frontend

Software Engineer   September 2021 – July 2023
BNP Paribas (Bank of the West & BMO)   *Mumbai, IN*

- Designed a dashboard in **React.js** and **TypeScript** used to track service requests, hosted on **AWS EC2**; implemented **state container** using **Redux** to centralize application state resulting in **10%** faster loading time
- Created and maintained a **shared component library** in **Storybook**, streamlining UI consistency across multiple fintech applications
- Collaborated with mobile teams to adapt React components into **React Native** components, ensuring consistent functionality and UI across platforms
- Enhanced **form handling** using **React Hook Form**, ensuring proper validation, dynamic inputs, and performance optimization for large forms
- Monitored performance using **Grafana**, tracking error rates, API response times, and user interactions

Frontend Engineer Intern   May 2020 – July 2020
TechHighway Systems Pvt. Ltd.   *Pune, IN*

- Developed a React-based **e-commerce platform** with **TypeScript** and **SCSS**, featuring dynamic product filters, cart management, and checkout flows
- Built **interactive sales dashboards** using **React** and **D3.js**, enabling real-time visualization of revenue, product performance, and customer trends
- Engineered **reusable React Native** components for product listings, search results, and user profile screens, ensuring consistent design across web **(React.js)** and mobile **(React Native)**

PROJECTS

Inventory Prediction System | *Python, Machine Learning, SQL, VueJS, Nest.js, AWS*   May 2024 – July 2024

- Developed an AI-powered inventory prediction dashboard with **Vue.js** for real-time demand forecasting, reducing fleet costs by 35% and stockouts by 20%
- Integrated secure APIs with **Nest.js** and **MySQL**, ensuring data consistency and real-time updates

Evergreen Bank | *NextJS, TypeScript, React, Tailwind CSS, Chart.js, NPM, Vercel*   May 2024 – July 2024

- Built a **financial dashboard** with real-time bank data using **Plaid** and **Chart.js** for visualizations
- Applied **React Hook Form + Zod** for robust form handling and data validation, ensuring high data integrity

Real Estate Marketplace App | *React Native, TypeScript, Vercel, Appwrite*   Jan 2024 – May 2024

- Created a **full-stack real estate app** with responsive mobile UI and real-time property listings, leveraging **React Native** and **TypeScript**
- Integrated centralized data fetching and Google Authentication, reducing load times and improving security

SKILLS

Languages and Frameworks: JavaScript, TypeScript, React.js, Node.js, Nest.js, React Native, Redux, Tailwind CSS, Java, Python, C++, MySQL.
Cloud Technologies: Azure, Google Cloud, AWS (Sagemaker, EC2, Lambda, S3).
Software and Tools: JIRA, Vite, Webpack, Storybook, Postman, GitHub, Bitbucket, Google Analytics.
Certifications: Oracle Cloud Infrastructure Generative AI Professional