

## SKILLS

JavaScript (ES6+)	TypeScript	React.js	Next.js	Redux	RESTful API
Node.js	Express	MongoDB	PostgreSQL	MySQL	Tailwind CSS
React Native	Redux	Mongoose	Material-UI	RESTful APIs	Jest
AWS	WebSocket	Git	DynamoDB	Flask	Firebase
Docker	Jira	Postman	CI/CD	Figma	FFmpeg

## TECHNICAL EXPERIENCE

### Software Developer | Loom Analytics

May 2023 - Present

- Enhanced web application interfaces using **React.js**, resulting in **5% faster load times** and improved user experience overall
- Developed **reusable React components** and **custom hooks**, ensuring a modular, scalable, and highly maintainable codebase
- Integrated **RESTful APIs** for seamless communication between frontend and backend, reducing significant API response time
- Conducted **comprehensive testing** and **data analysis**, ensuring optimal performance and security across the platform
- Utilized **Docker** to containerize applications, streamlining deployment and reducing environment inconsistencies by **20%**
- Deployed scalable applications on **AWS**, leveraging **EC2**, **RDS**, and **S3** to optimize resource management and performance
- Established **CI/CD pipelines**, reducing significant deployment time and accelerating release cycles, improving overall efficiency
- Oversaw version control and seamless team collaboration using **Git** and **AWS CodeCommit**, ensuring smooth code integration
- Identified and resolved complex issues during testing, demonstrating strong **problem-solving** and **debugging** expertise
- Monitored and maintained website functionality to ensure alignment with evolving user requirements and business objectives

### Full Stack Developer | Cosmicvent Software

March 2017 - June 2021

- Developed **React.js** and **Next.js** components, enhancing code modularity, maintainability, and accelerating the development.
- Built responsive and accessible designs with **Tailwind CSS** and **Material UI**, increasing user satisfaction by **20%** across devices.
- Enhanced frontend performance by **code splitting**, **React.lazy()**, **Suspense**, and **WebP**, significantly improving page load times.
- Integrated state management with **Redux**, **Context API**, and **useReducer**, improving responsiveness and reducing re-renders.
- Boosted user engagement and enhanced interactivity by **15%** by developing real-time features with **WebSockets** and **Firebase**.
- Designed and developed **RESTful APIs** using **Node.js**, **Express.js**, and **NestJS**, achieving an average API response time of **50ms**.
- Optimized scalable database solutions with **PostgreSQL**, **MySQL**, and **MongoDB**, improving query execution efficiency.
- Implemented secure and scalable user authentication using **JWT**, **OAuth**, and **bcrypt**, reducing security vulnerabilities by **32%**.
- Deployed cloud-based applications on **AWS** using **EC2**, **Lambda**, **S3**, and **RDS**, ensuring high availability and reliable uptime.
- Automated robust **CI/CD** pipelines with **GitLab CI/CD**, **Docker**, and **Kubernetes**, significantly minimizing deployment downtime.

## RECENT PROJECTS

### Text-Expander (Word Expansion) | React, Electron.js, Espanso, Tailwind CSS, REST APIs

- Integrated **Electron** and **React** to develop a cross-platform desktop application, providing a seamless user experience
- Developed reusable UI components and implemented **useReducer** and **Redux** for efficient and scalable state management
- Integrated external executable (**Espanso**) for text expansion and **inter-process communication** to transmit essential commands
- Conducted testing using **Jest**, **React Testing Library**, and **React Developer Tools**, achieving **85% test coverage** for reliability
- Enabled **cloud storage** for saving user, team, and enterprise-level hotkeys, utilizing **AWS S3** to manage **1,000+ hotkeys** efficiently
- Designed a user-friendly interface that enables users to perform **CRUD operations** seamlessly, improving user efficiency
- Optimized application size using **Electron Builder**, reducing package size by **30%** and ensuring streamlined deployment

### DisneyPlus Clone | React.js, Firebase, Redux, Styled Components, Jest, React Testing Library [View Project](#)

- Developed a **DisneyPlus clone** using **React** and **Firebase**, replicating the UI and core streaming features of the popular platform
- Integrated **Firebase Authentication** for secure **Google login**, reducing authentication failures by **50%** and improving security
- Utilized **Firebase Firestore** for real-time database management, ensuring data retrieval with less than **300ms response time**
- Implemented **Redux** state, optimizing data flow and ensuring smooth interactions, reducing unnecessary re-renders of UI
- Deployed the app using **Firebase Hosting**, ensuring secure and reliable access with built-in **SSL certificates** and scaling
- Developed custom backend logic with **Firebase Functions**, enabling dynamic content fetching and real-time updates for users
- Wrote comprehensive **unit tests** and **integration tests** using **Jest** and **React Testing Library**, ensuring high code reliability

## EDUCATION

Master in Computer Science  
Bachelor of Engineering in Information Technology

Lambton College  
Gujarat Technological University