

# Sudhanshu Jadhav

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## EDUCATION

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### University of Texas at Arlington

Master of Science in Information Systems  
GPA – 3.8

Texas, USA  
June 2023 - Present

### University of Mumbai

Bachelor of Engineering in Electronics.  
CGPA - 8.16/10

Mumbai, India  
June 2015 - May 2019

## PROFESSIONAL EXPERIENCE

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### Reliance Jio Platforms Ltd

*Senior Software Developer*

Navi Mumbai, India  
January 2021 – May 2023

#### Pret A Manger: POS UI and Kitchen Software

- Developed a POS user interface using **React Native** for Android-based POS systems, enabling seamless handling of 100,000+ POS transactions per month. Implemented offline functionality with **MongoDB** and React Native **Background Fetch** to ensure continuous operation without internet connectivity.
- Incorporated **Material UI** components and built a software solution with **React.js** for Pret A Manger, managing 500+ recipe definitions across 10 regions, reducing recipe management time by 40%.

#### Jio Mart Inventory Management

- Engineered an inventory management system with **Node.js** and **ElasticSearch** implementation, facilitating 50,000+ item searches and 10,000+ secure transactions daily, leading to a 20% improvement in customer service response time. Optimized **AJAX** calling, improving search response times by 50%.
- Enhanced payment security by implementing **double encryption** for 100,000+ API calls per day, improving transaction security and reducing fraud incidents by 30%.

#### Reliance Fuel

- Developed an automated fueling and self-checkout software with **React.js** for touchscreen systems at gas stations. Integrated with 12+ **MOP** partners, improving operational efficiency by 25% at 50+ locations.
- Successfully running systems at 50+ locations, with more deployments in line, it has become one of India's leading automated fueling services.

### Reliance Retail & Telecom Systems Ltd

*Software Developer*

Navi Mumbai, India  
September 2019 – December 2020

#### Store-X

- Led the development of Store-X's front-end code and **user interface** using **React.js**, impacting 15,000+ Reliance stores nationwide, resulting in a 30% increase in store management efficiency. Utilized **CSS Grid** and **Flexbox** for responsive design, optimizing the layout for different screen sizes.
- Implemented **Redux** for state management. Managed Task assignment functionalities, impacting over 500 Store, State, and Regional Managers, achieving 40% **code reusability** and reducing development time by 25%.

#### Merchant On-boarding for Jio Mart

- Pioneered a **React Hooks**-based interface for Reliance and third-party merchants, streamlining onboarding for 1,000+ merchants and boosting engagement by 45%, with a 30% reduction in onboarding time.
- Created specialized login portals and **responsive designed UI** for agents and merchants.

## SOFTWARE SKILLS

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- Programming Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, Sass, Node.js, MySQL, Python
- Web Technologies: React.js, React Native, Redux, Context API, React Router, Web APIs, AJAX, Webpack, Bootstrap, Material UI, Responsive Designing with CSS Grid, Flexbox and media queries, Git, Jest,
- Design and Simulation Software: Figma, Adobe XD, Photoshop / Illustrator