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rohanarote



Mumbai, Maharashtra

# ROHAN AROTE

## APPLICATION DEVELOPER

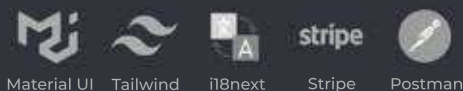
### EDUCATION

**Bachelor of Engineering (B.Eng.)**  
Information Technology : 2014-2017  
Sardar Patel Institute of Technology

**Diploma in Information Technology**  
Vidyalankar Polytechnic : 2011-2013

### SKILLS

- React Js
- JavaScript
- Redux
- TypeScript
- Node Js
- Express Js
- GraphQL
- Rest API
- Jest
- Relay
- MongoDB
- SQL
- AWS
- CI/CD
- Webpack
- HTML/CSS
- Micro - Frontend Architecture



### WORK EXPERIENCE



**IBM - Application Developer**

2021-Current



**JP Morgan Chase & Co**

Trade Finance Modernization

Spearheaded the modernization of JPMC's Trade Finance platform using Micro Frontend Architecture, React TypeScript, Redux, GraphQL, Relay, and Styled Components, achieving unparalleled scalability and maintainability. Leveraged Webpack for optimized builds, enhancing performance and efficiency.

- Engineered custom hooks, AG grids, a comprehensive library of reusable UI components and business logic, Dynamic forms, significantly reducing development time and ensuring consistency across the application. Developed scaffolding utilities to automate and streamline complex functionalities, enhancing overall productivity.
- Collaborated with elite cross-functional teams in an Agile environment, enforcing rigorous testing protocols with Jest and seamless CI/CD pipelines with Jenkins, delivering high-quality, robust software solutions efficiently.



**Development Bank of Singapore (DBS)**

IB NEXTGEN

Led the innovation at IBNEXTGEN, completely redefining DBS's internet banking platform from the ground up. Utilizing Micro Frontend Architecture with React.js and TypeScript, our sophisticated tech stack included React Hook Forms, Redux Toolkit, Saga, REST APIs, and Jest for rigorous testing. Seamlessly integrated Lokalise to support multiple languages, emphasizing code splitting and lazy loading to enhance performance. Leveraged Git for precise version control and Jenkins to streamline CI/CD pipelines. In addition to React-based responsibilities, I executed tasks involving Node.js, Express, and MongoDB.

Played a pivotal role in developing a diverse UI Library for DLS Webstudio. Within the architecture team, I spearheaded innovation and enriched Agile practices to foster dynamic & efficient development.



**Development Bank of Singapore(DBS) Risk Management Portfolio**

Solely developed and delivered a Risk Management Dashboard using React TypeScript, Redux Toolkit, and Redux Saga. Utilized Chart.js and Leaflet for dynamic data visualization, and Apache Superset for comprehensive analytics.

Implemented encryption, SSO, and JWT tokens for robust security. Managed backend development with Python Django, MariaDB, and deployed the solution on AWS. Delivered end-to-end solution, enhancing risk assessment and decision-making through intuitive data visualization and strong security measures.

## CERTIFICATIONS

- ✓ Ultimate AWS Certified Cloud Practitioner
- ✓ Microfrontend with React & Webpack 5
- ✓ Master MERN Stack Web Development
- ✓ Test-Driven Development Masterclass
- ✓ Banking Industry Jumpstart IBM Badge
- ✓ Generative AI and watsonx.ai for IBM
- ✓ Banking Insights and Solutions -Bronze
- ✓ Agile Values & Principles -IBM Learning
- ✓ Java J2EE Developer - Infosys Mysore
- ✓ Styled-components in react [V5 EDITION]



**Infosys** - Senior Systems Engineer

2017-2021



### Finacle Product Engineering

DX Suite Development

Transformed Finacle Digital Engagement Omnichannels (Business and Retail, Corporate Banking) into a cutting-edge Web Application through comprehensive UI/UX revamp, and platform customization using MERN Stack and FEBA Architecture for enhanced efficiency and user experience.

- Brainstorming, Design Thinking, Application wireframing using Figma, Developing reusable components using React Js along with various JavaScript libraries including AngularJS, PolymerJS, jQuery, and JSP, responsive design using Material UI and Bootstrap. State management using Redux.

- Creating a secure RESTful web APIs using Node.Js along with Express.Js, Extensive use of MongoDB, Mongoose to manage data.



Santander



NBF



HSBC



Bank Muscat



ANZ



ABN AMRO

## CONTRIBUTIONS

- ★ DLS Webstudio - Custom UI Library
- ★ MFE Creation scaffolding utility
- ★ AI Integration - Watsonx.ai
- ★ Dynamic Form Renderer
- ★ Custom API Handler
- ★ Reusable SSO utility
- ★ Smart search utility

## OTHER SKILLS



GitLab



Confluence



JIRA



Docker



Heroku



Photoshop



Illustrator



After Effects



Bootstrap



SASS

## PORTFOLIO PROJECTS

### ● eCommerce India - Full Stack Online Ecommerce Application

Developed a comprehensive eCommerce platform, incorporating secure payment integration & advanced cart management, scalable application. ReactJs, Redux, Firebase Authentication, NodeJs, MongoDB, ExpressJs, Ant Design, Stripe Pay, CRUD, Cart & Order Management, Code Splitting.

### ● Full Stack AI Image Generation App | Midjourney & DALL-E Clone

Built an AI-powered image generation application that allows users to create and share images using OpenAI's DALL-E open source model. MERN stack along with Tailwind CSS, OpenAI's DALL-E model, Cloudinary.

### ● Netflix Clone - React TypeScript, Jest, Styled Components, Firebase

Created a Netflix clone with user auth and dynamic content rendering.

### ● Amazon Clone - MERN, Stripe Payment System, Context API, Firebase

Developed an Amazon-like eCommerce platform featuring a fully functional payment system with Stripe, real-time data sync with Firebase.

### ● Spotify Web Player - MERN, Spotify for Developers API, Material UI

Built a Spotify web player clone integrating Spotify API for music streaming, providing a seamless and interactive user experience with Material UI.

### ● WhatsApp Web Dark - MERN, Pusher, Axios, Material UI, Mongoose

Developed with real-time messaging powered by Pusher & Axios Library.

### ● Covid 19 Tracker - React JS, Leaflet JS Maps, Chart JS, Twitter Ads, MUI

Dynamic data visualization using Leaflet JS for maps and Chart JS charts.

### ● SkillMatchPro | AI Based profile skills matcher - React Js, OpenAI

AI-based profile skills matcher leveraging OpenAI to align user profiles with job requirements, enhancing recruitment efficiency and accuracy.



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