

# SAMSUDEEN SM

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## PROFESSIONAL SUMMARY

- Senior Software Engineer with 7+ years of experience in building scalable web and mobile applications using React.js, Next.js, Node.js, Fast API, Playwright and React Native.
- Proven expertise in leading teams, delivering Fintech/Banking/eCommerce/Health care solutions, and automating testing pipelines (90%+ coverage).
- Leveraged AI-powered development tools like GitHub Copilot and claude to accelerate development, reduce project timelines, and optimize costs.
- Skilled in cloud deployment (AWS) and recognized with performance awards for delivering high-quality products.
- Expert in React JS, React Native and Next JS frameworks, implemented RWD with MUI, Bootstrap and Tailwind, managed state with Redux, Redux Toolkit and Zustand.
- Extensive experience with Node JS and Fast API for creating scalable server-side applications.

## PROFESSIONAL SKILLS

- FRONTEND – HTML, CSS, React JS, Next JS, React Native, MUI, Bootstrap, Tailwind, Redux Toolkit, Zustand
- BACKEND – Node JS, Fast API, Express JS, Mongo DB, MySQL, PostgreSQL
- CLOUD & DevOps – AWS, Jenkins, GitHub, GitLab, Bitbucket, Grafana, CI/CD Pipelines
- TESTING TOOL – Playwright, Vitest, Jest
- LANGUAGES – Javascript, Typescript, Python, Java

## EXPERIENCE



**Emirates NBD**  
*Senior Software Engineer*  
July 2024

Dubai, UAE

- Built and maintained Decision-Making System frontend in React with LEAP UI, improving usability and reducing configuration time for business users by 30%.
- Implemented test automation (Playwright) and unit tests (Vitest), achieving 90%+ coverage and cutting QA cycles by 50%.
- Developed APIs in FastAPI to automate PR creation/merging, enabling faster and more reliable deployments.
- Collaborated with cross-functional teams (QA, Security, Performance, Business) to deliver secure and enterprise-grade solutions.



**Panorama Finance**  
*Full Stack Developer (MERN)*  
March 2024 – July 2024

Dubai, UAE

- Built and deployed a trading & swapping platform using React.js, Node.js, and AWS, ensuring scalability and secure cloud infrastructure.
- Integrated MetaTrader 5 (MT5) server and third-party APIs (market data, order execution, payment gateways), enabling real-time trading for 1,000+ active users.
- Implemented KYC verification workflows (Sumsub), ensuring 100% compliance with financial regulations and reducing onboarding delays.
- Designed and optimized trading algorithms and risk management systems, improving execution speed by 30% and minimizing financial exposure.



**Apps Team Technologies**  
Full Stack Developer (React JS Lead)  
Mar 2022 – Nov 2023

Kerala, India

- + Led a team of frontend developers in the successful delivery of projects across ecommerce, hospital management, banking, and AI domains.
- + Actively participated in both frontend and backend development, Node JS for server-side logic, React JS, Next JS for web development and React Native for mobile app development.
- + Collaborated closely with project stakeholders to gather requirements, defined project scope and establish timelines for delivery.
- + Mentored junior developers, conducting code reviews and providing technical guidance to ensure code quality and adherence to best practices.
- + Actively participated in Agile development processes, including sprint planning, daily stand-ups and retrospectives.



**Emproto Technologies**  
Frontend Developer (React JS)  
July 2019 – Jan 2022

Bangalore, India

- + Collaborated within a cross-functional team to design, develop and test software solutions, adhering to best practices and coding standards.
- + Took ownership of complex modules and projects, ensuring adherence to coding standards, best practices and project timelines.
- + Assisted in the implementation of new features and functionalities, effectively contributing to product development lifecycle.
- + Actively participated in code reviews, identifying and resolving issues to ensure optimal code quality and performance.

## MAJOR PROJECTS

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- + **DMS** | React JS | Fast API | PostgreSQL | Playwright Automation | OpenShift  
Developed and maintained a Decision Management System deployed on OpenShift to streamline decision workflows, enforce compliance, and automate rule-based operations across banking processes.
- + **Growthscape** | React JS | React Native | Node JS | MySQL | AWS  
Hospital management system for student rotations & assessments. Used by 500+ staff and students, delivering real-time analytics via interactive dashboards.
- + **Gold Star Products** | React JS | Odoo | AWS  
eCommerce platform for hotel equipments, integrated SEO best practices and automated inventory management with Odoo, increasing organic traffic by 40%.
- + **Trading & Swapping Platform** | React JS | Node JS | MongoDB | AWS  
Built and deployed a scalable trading platform with real-time market data, MT5 integration, and secure cloud infrastructure. Implemented KYC workflows, optimized trading algorithms, and developed dashboards for portfolio tracking and analytics, serving 1,000+ active users.

## EDUCATION

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- + **Mangalore University**  
*Bachelor of Computer Application (May 2019)* Karnataka, India

## AWARDS & CERTIFICATIONS

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- + **Lime Light Award (Performer of the year (Dec 2023))**
- + **Java Full Stack (Jspiders Bangalore (June 2019))**