

# Lokesh Sai Polisetty

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## Summary

Full Stack Developer with 3.8 years of experience building scalable SaaS applications and data-driven dashboards using MERN stack, Next.js, and SQL. Strong focus on creating clean, intuitive UIs, designing reliable APIs, and delivering end-to-end features with full ownership. Experienced in collaborating across teams to ship high-quality, production-ready solutions.

## Technical Skills

**Languages:** JavaScript, TypeScript, SQL

**Frontend:** React.js, Next.js, HTML, CSS, Tailwind CSS, Material UI (MUI), Mantine UI, Redux, Recoil

**Backend:** Node.js, Express.js, REST APIs, JWT Authentication, OAuth

**Databases & ORM:** Microsoft SQL Server (MSSQL), Prisma

**DevOps & Tools:** AWS, Docker, CI/CD, Git, Bitbucket, Jira, Jest

## Experience

### Tata Consultancy Services (TCS)

Feb 2022 – Present

Full Stack Developer

India

- Worked on **CCM**, a role-based voucher generation platform built with **Next.js**, **MSSQL**, and **Prisma**, deployed on **AWS**, supporting multiple user roles and secure business workflows.
- Developed responsive and accessible UIs for a **UIDAI internal application** using **React.js**, **SASS**, and **Material UI**, improving usability and reducing UI-related defects by **25%**.
- Designed reusable UI components and optimized form workflows, reducing development effort for new screens by **30%**.
- Designed and integrated **REST APIs** using **Node.js** and **Express**, improving data fetch efficiency and reducing average API response time by **20%**.
- Implemented a frontend **auto-logout mechanism** based on user inactivity, improving session security and ensuring compliance with enterprise security standards.
- Integrated **AWS S3** for secure image storage and retrieval, reducing server storage dependency and improving upload reliability by **35%**.
- Optimized large Excel file uploads using **stream-based processing**, reducing upload time by **40%** and enabling faster PDF generation with lower memory usage.

## Projects

### Casino Cruise Manager (CCM)

Monolithic Application

Full Stack Developer

- Built a **role-based CRUD voucher management platform** for cruise-based casino brands using **Next.js**, **MSSQL**, and **Prisma**, supporting multiple user roles and workflows.
- Implemented **RBAC**, **SSO authentication**, and **SEO-friendly pages**, improving security, access control, and initial page load performance.
- Designed scalable backend workflows and deployed the application on **AWS** with automated CI/CD using **Azure DevOps**.

### UIDAI Backoffice System

Micro Frontend Architecture

Frontend Developer

- Worked on a large-scale **UIDAI backoffice application** built with **micro frontend architecture**, supporting multiple Aadhaar-related workflows.
- Developed responsive layouts, workflow action pages, and complex forms using **React.js** and **Material UI**.
- Implemented **code splitting and lazy loading** with **Webpack**, reducing initial load time by **30%**.

## Education

### Sree Venkateswara College of Engineering

2021

Bachelor of Technology in Electrical and Electronics Engineering (CGPA: 8.2)

Nellore, Andhra Pradesh