MANIKANTA PITLA

Full Stack Developer
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SUMMARY

Full Stack Developer with 1+ year of production experience building scalable web and mobile applications using React.js, Next.js, React Native, Node.js, Express.js, and NestJS. Proven experience in REST API development, frontend-backend integration, AWS cloud deployments, and database design. Delivered production-grade features including authentication systems, admin dashboards, payment integrations, and deployment infrastructure in a fast-paced startup environment.

SKILLS

Frontend: React.js, Next.js, React Native, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap
Backend: Node.js, Express.js, NestJS, REST APIs, JWT Authentication, RBAC, TypeORM, Sequelize
Databases: PostgreSQL, MySQL, MongoDB, SQLite, Firebase
State Management: Redux Toolkit, Context API, TanStack Query
Cloud & DevOps: AWS (S3, CloudFront, EC2, Lambda, DynamoDB, API Gateway), Git, GitHub, SSL Configuration
Integrations: Razorpay, Firebase FCM, Google APIs, Postman
Languages: TypeScript, JavaScript (ES6+), SQL, Python

EXPERIENCE

Full Stack Developer | Maramungala Technologies

Apr 2025 – May 2026

- Built and maintained production REST APIs using Node.js, Express.js, and NestJS with TypeORM across PostgreSQL, MySQL, and MongoDB for a B2G application
- Designed and managed relational and NoSQL database schemas to support evolving application requirements
- Developed responsive web and mobile interfaces using React.js and React Native as the sole full-time developer on a 3-member team
- Implemented JWT-based authentication, RBAC workflows, and Razorpay payment gateway integration with end-to-end ownership from development to deployment
- Deployed and managed AWS infrastructure including S3, CloudFront, and EC2 with SSL and domain configuration
- Optimized application performance through production debugging, modular architecture, and maintainable Git-based development workflows

PROJECTS

Transit Operations & Mobility Platform | Node.js, NestJS, PostgreSQL, Redis, AWS

Enterprise B2G transportation platform supporting ticketing, QR validation, operational dashboards, real-time notifications, and payment systems | Company Project

- Built backend APIs for ticketing workflows, JWT authentication, and role-based access control (RBAC) across operations and admin modules
- Implemented Redis caching for performance-critical data and Firebase FCM for real-time push notifications, deployed on AWS production infrastructure
- Delivered analytics dashboards, Razorpay payment integration, and end-to-end operational workflows as part of a 3-member development team

VNoted | React.js, TypeScript, AWS Lambda, API Gateway, DynamoDB | GitHub | Live Demo

Note-taking platform with categories, tags, public sharing, and keyboard-centric workflows

- Built a serverless backend using AWS Lambda, API Gateway, and DynamoDB with Google OAuth authentication and protected API routes
- Developed the frontend using React.js, TypeScript, Tailwind CSS, Zustand, TanStack Query, and Tiptap rich-text editor
- Implemented full CRUD operations, note export functionality, and end-to-end AWS deployment infrastructure

EDUCATION

Bachelor of Computer Science |Sri Sai Raghavendra Degree College, Nizamabad, Telangana
CGPA: 7.48/10 | Aug 2019 – Jul 2022