

SANTHI RAJU

Full Stack Developer | .NET Backend Engineer | Software Engineer

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PROFESSIONAL SUMMARY

Versatile Full Stack Developer with 2+ years of personal and professional experience building scalable web applications using React.js, JavaScript, Node.js, Express.js, and .NET technologies. Proficient in frontend development and backend API development with ASP.NET Core, Entity Framework, and MERN stack. Strong foundation in RESTful API design, database management, and modern web technologies. Fast learner with excellent problem-solving skills and ability to deliver end-to-end solutions.

WORK EXPERIENCE

Jr. Software Engineer (Full Stack Developer)

Feb 2025 - Present (8 months)

NetLabs Global IT Services

- Developed responsive frontend interfaces using React.js, HTML5, CSS3, and modern JavaScript (ES6+)
- Built RESTful APIs and backend services using ASP.NET Core and Entity Framework Core
- Designed and implemented database schemas using SQL Server and MongoDB for enterprise applications
- Created reusable UI components and backend API endpoints serving thousands of users
- Implemented authentication and authorization using JWT tokens and role-based access control
- Optimized application performance through efficient database queries, API caching, and frontend rendering
- Collaborated with cross-functional teams to deliver customer-focused full-stack solutions
- Conducted code reviews and mentored junior developers on best practices
- Provided technical support for application deployment and troubleshooting

Software Development Intern

Oct 2024 - Feb 2025 (4 months)

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- Built interactive user interfaces using React.js with focus on user experience and accessibility
- Developed backend API endpoints using Node.js/Express for business logic implementation
- Implemented client-side state management and server-side data handling for complex workflows
- Collaborated on architectural decisions affecting frontend scalability and API design

- Participated in troubleshooting application issues and debugging across full stack

KEY PROJECTS

Professional Portfolio Website with .NET Backend

Personal Project - Full Stack Development (.NET + React)

- Developed complete portfolio application with ASP.NET Core Web API backend and React.js frontend
- Built RESTful APIs for contact form submissions, project data management, and content delivery
- Implemented Entity Framework Core with SQL Server for data persistence and relationships
- Created secure backend endpoints with input validation, error handling, and CORS configuration
- Integrated email notification service using SMTP for contact form submissions
- Deployed backend on Azure/AWS and frontend on Vercel with CI/CD pipeline
- Implemented responsive design ensuring optimal experience across all devices

Freelancer Project Listing Platform

Personal Project - Full Stack Development (MERN Stack)

- Architected and developed complete full-stack application using MongoDB, Express.js, React.js, and Node.js
- Designed normalized database schema with MongoDB for flexible data structure
- Built comprehensive REST API with CRUD operations for projects, users, and categories
- Implemented JWT-based authentication and role-based authorization for secure access
- Created advanced filtering, search, and pagination functionality on both frontend and backend
- Developed reusable component library following React best practices and clean architecture
- Optimized API performance with asynchronous programming and efficient database queries
- Deployed on Vercel (frontend) and Render (backend) with automated deployment pipeline

Enterprise Workforce Management Platform

NetLabs Global IT Services - Frontend Development with Backend Support

- Developed centralized dashboard interfaces with complex data visualization and real-time updates
- Built responsive UI components optimized for enterprise-scale user interactions
- Implemented modular frontend architecture supporting dynamic feature expansion
- Provided backend support for Python FastAPI endpoints and data integration
- Ensured application compatibility across different browsers and network conditions
- Collaborated with backend team on API design and data flow optimization

Enterprise Ticketing Management System

NetLabs Global IT Services - Frontend Development with Backend Support

- Created interactive ticketing interface with real-time state management and status filtering
- Implemented dynamic UI updates and smooth user workflows for ticket lifecycle management
- Optimized frontend performance for handling large datasets with efficient pagination
- Provided backend support for Python FastAPI integration and real-time notifications
- Developed user-friendly interfaces for efficient issue tracking and resolution

- Integrated WebSocket connections for real-time ticket updates

TECHNICAL SKILLS

Backend Development:

ASP.NET Core, Entity Framework Core, Node.js, Express.js, Python FastAPI, RESTful API Design, JWT Authentication

Frontend Development:

JavaScript (ES6+), React.js, HTML5, CSS3, Responsive Design, State Management, Redux

Database & ORM:

SQL Server, MongoDB, Entity Framework Core, Mongoose, Database Design, Query Optimization

Tools & Deployment:

Git, Visual Studio, VS Code, Azure, Vercel, Render, Netlify, Postman, Swagger, Docker

Problem Solving:

Systematic Troubleshooting, API Debugging, Performance Optimization, Technical Documentation

Communication:

Code Reviews, Team Mentoring, Technical Presentations, Cross-functional Collaboration

EDUCATION

Bachelor of Technology, Computer Science & Engineering

DNR College of Engineering & Technology
2021 - 2024 | CGPA: 7.77

Diploma in Electronics & Communication Engineering

SMT. B. Seetha Polytechnic
2018 - 2021 | GPA: 82%

KEY STRENGTHS & ACHIEVEMENTS

Fast Learner:

Promoted from intern to Jr. Software Engineer within 4 months; quickly mastered multiple tech stacks including .NET and MERN

Excellent Communication:

Proven experience conducting code reviews, mentoring team members, and explaining complex technical concepts

Full-Stack Expertise:

Demonstrated ability to design and implement complete applications from database to frontend with multiple tech stacks

Problem-Solving Mindset:

Strong analytical approach to troubleshooting issues across full stack and optimizing application performance

Self-Motivated:

Independently delivered multiple full-stack projects within strict timelines, demonstrating strong initiative

Technical Adaptability:

Successfully transitioned from Electronics background to full-stack development with multiple technologies