

# SUVARSHAN MUNTHA

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## PROFILE SUMMARY

Full Stack Developer with 2+ years of professional experience in designing, developing, testing, and deploying scalable enterprise and cloud-native web applications. Strong expertise in Angular and React for frontend development, Node.js and Express.js for backend services, and relational databases including MySQL and SQL Server. Hands-on experience building serverless architectures using AWS and working knowledge of Google Cloud Platform. Proven ability to integrate Generative AI solutions into applications to automate workflows and enhance business functionality. Comfortable working in Agile environments with a strong focus on clean code, testing, performance optimization, and end-to-end ownership of features.

## TECHNICAL SKILLS

- **Frontend Development:** Angular (v14, v15, v17) and React for building scalable, component-driven user interfaces. Strong proficiency in HTML5, CSS3, JavaScript (ES6+), and TypeScript with emphasis on performance and reusability.
- **Backend Development:** Node.js (v18, v20, v22) and Express.js for designing secure, high-performance RESTful APIs, including validation, authentication, and error handling.
- **Database & Data Management:** MySQL and SQL Server with hands-on experience in schema design, query optimization, indexing, and complex stored procedures.
- **Cloud & DevOps:** AWS (CDK, Amplify, Lambda, S3, API Gateway) for cloud-native and serverless deployments. Google Cloud Platform (GCP) experience with SDK usage, Cloud Functions, and Cloud Storage. CI/CD automation using GitHub Actions.
- **Generative AI & Automation:** Integration of Large Language Models and Generative AI tools such as Claude and Cline using API-based architectures to enhance automation and user workflows.
- **Testing & Quality Engineering:** Strong experience in unit and integration testing using Jest, Mocha, and Chai, along with contributing to a custom Test Runner to improve test coverage and reliability.
- **Tools & Collaboration:** Git, GitHub, Postman, Fiddler, VS Code with strong collaboration in Agile/Scrum teams.

## PROFESSIONAL EXPERIENCE

**Delta Technology and Management Services Pvt. Ltd** — Consultant | Full Stack Developer  
Hyderabad | September 2023 – Present

- Design, develop, and maintain scalable enterprise web applications using Angular, Node.js, MySQL, and SQL Server.
- Architect and implement RESTful backend services with Node.js and Express.js, ensuring secure and efficient data flow.
- Design and optimize SQL queries and stored procedures, improving data processing efficiency and application performance.
- Build and maintain comprehensive unit and integration test suites using Jest and Mocha; actively contributed to introducing a custom Test Runner for improved automation.
- Integrate AI-powered features using AWS Lambda and Generative AI APIs (Claude, Cline) to enhance application capabilities.
- Implement CI/CD pipelines using GitHub Actions and manage cloud deployments using AWS CDK, Amplify, and S3.
- Follow Agile development practices, participating in sprint planning, reviews, and cross-team collaboration.

## PROJECTS

- **E-Commerce Waste Management System (RSI)**  
*Angular, TypeScript, Node.js, Express.js, MySQL*  
Designed and developed a comprehensive waste management and inventory automation system. Implemented modular Angular components, RESTful backend APIs, and optimized database queries to handle order processing, material tracking, and logistics workflows efficiently.

- **Finance Application**

*React, Node.js, Express.js, AWS Amplify, AWS Lambda, MySQL*

Built a full-stack financial tracking platform with a responsive React frontend and serverless backend deployed on AWS. Implemented secure APIs and scalable cloud infrastructure to support real-time financial data processing.

- **Legacy System Migration**

*Angular, Node.js, TypeScript, MySQL*

Led migration of critical business modules from legacy systems to a modern Angular and Node.js architecture, reducing technical debt, improving performance, and enhancing long-term maintainability.

- **HRMS with AI Integration (In Progress)**

*React, Node.js, MySQL, AWS Lambda, Claude, Cline*

Developing an AI-powered Human Resource Management System to automate HR workflows. Integrating Generative AI APIs for intelligent employee query handling and workflow automation using serverless architecture.

## EDUCATION

Bachelor of Technology (B.Tech), NBKR Institute of Science & Technology (2022) — CGPA: 8.00

## LANGUAGES

English | Telugu | Tamil | Hindi