

SATISH THODETI

<https://www.linkedin.com/in/satishthodeti/> | <https://github.com/satishthodeti/>

Mobile: +91 9133 833 066 | satishthodeti39@gmail.com | Hyderabad, Telangana – 500038

PROFESSIONAL SUMMARY

Backend Developer with 2 years of hands-on experience in building scalable APIs and secure backend systems using Node.js, Express.js, MongoDB and PostgreSQL. Strong in RESTful API design, database optimization, and automation. Known for clean code, efficient architecture, and rapid delivery in startup environments.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript
- **Backend:** Node.js, Express.js, WebSocket, Redis, Caching (Redis Cloud)
- **Frontend:** React.js, HTML5, CSS3, Bootstrap
- **Databases:** MongoDB, PostgreSQL
- **API Development:** RESTful APIs, JWT, Authentication & Authorization, API Integration
- **Version Control:** Git, GitHub
- **Cloud & DevOps:** AWS (EC2, S3, API Gateway), Docker
- **Tools:** Postman, VS Code, pgAdmin, Swagger UI, Bitbucket, Jira, SourceTree, MongoDB Compass
- **Other:** Microservices, OpenAI API Integration

PROFESSIONAL EXPERIENCE

Backend Developer | Doitup Innovative Technologies Pvt. Ltd, India | Sep 2023 – Present

- Built scalable backend services for internal tools and client-facing applications.
- Created secure REST APIs for login, comments, notifications, and reports.
- Added email verification and OTP login, improving security for 1000+ users.
- Wrote PostgreSQL functions and views, boosting database performance by 15%.
- Developed PDF generation and file upload modules, streamlining workflows by 30%.
- Collaborated with frontend developers to ship features 15% faster.
- Integrated AWS S3 for efficient file storage, cutting upload time by 20%.
- Implemented secure JWT-based authentication and authorization, protecting 500+ daily users.
- Integrated Pinecone vector database to enhance recommendations using semantic match percentage.

PROJECTS

1. Risk Management System

<https://www.intellirms.com>

Technologies: Node.js, Express.js, MongoDB, PostgreSQL, AI-based logics

Worked on a smart risk management backend for SMBS to handle cyber, market, and operational risks.

- Built logic for automated risk detection and real-time predictive alerts.
- Developed modules for compliance tracking with real-time updates.
- Designed custom dashboards and downloadable reports for internal use.
- Implemented WebSocket's for live event alerts and status updates.
- Enforced role-based access control (RBAC) distinguishing between admins and regular users.
- Followed clean architecture principles with modular services and secure access.

2. Compscale

<https://www.compscale.com>

Technologies: Node.js, Express.js, PostgreSQL, MongoDB and Pinecone vector database

Built a compensation handling backend for HR and finance teams.

- Developed APIs for salary mapping, compensation bands, and dynamic pay structure updates.
- Enabled role-based access for HR/Admin to view and edit data.
- Integrated salary intelligence using Pinecone vector search.
- Optimized database design for faster reporting and pay comparisons.
- Handled bulk data insertion using worker threads with real-time progress updates.
- Managed zone-wise pay adjustments based on market data.

PUBLICATIONS & CONTRIBUTIONS

NPM Packages:

date-range-handler - A simple and efficient JavaScript package to handle date ranges and financial years, including support for quarters, months, and custom date ranges. It provides utility functions to generate start and end dates based on different user inputs.

Medium Articles:

Create Your Own Video Streaming Platform with Node.js & React (Complete Guide) - [Link1](#)

Building an SMS Sending Service with Node.js and Twilio API – [Link2](#)

LinkedIn Article:

Built a High-Performance, Search-Aware Backend with Node.js + PostgreSQL – [Link3](#)

EDUCATION

Vignan's Lara Institute of Technology & Science, Andhra Pradesh

B. Tech (Bachelor of Technology) in MECH (Mechanical Engineering) in 2021.