

MADHU SUDHAN

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Summary

Full Stack Developer with 2 years of experience specializing in backend development using **Java, Spring Boot, REST APIs, MySQL, and MongoDB**. Strong expertise in **OAuth2/OIDC-based authentication** with Azure AD, OKTA, and ForgeRock. Hands-on experience with **React.js, JavaScript, HTML, and CSS**. Experienced in developing secure and scalable features in the US Healthcare domain.

Technical Skills

Backend: Java, Spring Boot, Spring Security, Microservices, REST APIs
Databases: MySQL, MongoDB, GraphQL
Frontend: React.js, JavaScript, HTML5, CSS3, Redux, Tailwind CSS
Tools: Git, GitHub, Postman, IntelliJ, VS Code

Professional Experience

InspironLabs

Mar 2024 – Present

Full Stack Developer

Bengaluru

- Developing backend microservices using **Java, Spring Boot, Spring Security, and REST APIs**.
- Designing and optimizing relational and NoSQL schemas in **MySQL and MongoDB**.
- Implementing **OAuth2/OIDC-based SSO authentication** workflows.
- Worked on implementing secure client-side **routing**, preventing unauthorized access and redirection of **private routes** without proper login.
- Contributed to the **message center module frontend**, ensuring seamless integration with new backend APIs.

Masai School

Jan 2023 – Mar 2024

Software Engineer Trainee

Bengaluru

- Built end-to-end full stack applications through project-based learning.
- Strengthened foundation in backend development, frontend frameworks, and DSA.

Projects

Discover Your Provider — US Healthcare

- Built the **HTG-auth-server microservice** for authentication. Integrated identity providers: **Azure AD, OKTA, and ForgeRock**.
- Implemented authorization code flow, token parsing, and validation mechanisms.
- Developed Inbox, Drafts, and Sent modules with complete messaging workflow for the **Message Center Module (React)**.
- Added pagination, filters, file attachments, and rich text editor integration. Implemented "New Message" popup with validation and recipient search.

Real Feel

- Developed responsive UI screens using **React.js, Redux, and Tailwind CSS**.
- Optimized page rendering and improved user experience across devices.

Green Paradise — E-Commerce Application (Personal)



- Green Paradise is a fully functional e-commerce website designed for plant enthusiasts.
- **Tech Stack:** HTML, CSS, JavaScript, Firebase, Razorpay
- Developed authentication, product listings, cart system, and Razorpay payment integration.

Education

Sri Venkateswara University

2020 – 2023

Bachelor's Degree

Tirupati

- **CGPA:** 8.3

MK Jr college

2018 – 2020

Intermediate

Puttaparthi

- **CGPA:** 9.7