

MAHABOOB JEELANI BASHA SHAIK

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Professional Summary

Backend Developer with over 1+ year of experience building and maintaining scalable applications using Node.js, Express.js, and MongoDB. Skilled in designing RESTful APIs, implementing JWT authentication, and writing clean, maintainable code. Familiar with microservices architecture and Agile practices, with a strong focus on performance optimization and debugging. Passionate about solving real-world backend challenges efficiently.

Technical Skills

- Backend: Node.js, Express.js, REST APIs, JWT Authentication, Microservices Architecture, TypeScript, OOP.
- Frontend: React.js, JavaScript, HTML5, CSS3, Tailwind CSS.
- Database: MongoDB (NoSQL, primary), Basic SQL querying and schema design
- Tools & Others: Git, Postman, Azure.

Experience

MURPHI.AI (*Deskfactors Technologies Pvt. Ltd*)

Bengaluru, KA

Software Developer

Nov 2024 – Present

- Developed and maintained two core microservices: Murphi.ai (main platform) and an Auth Service for secure user authentication and authorization.
- Contributing to key modules including POC Review, Compliance Sync, L2 Coding, and L3 Coding.
- Integrated Gemini API (Vertex AI) and Whisper LLM to extract key data from PDF reports, design structured responses, and automate medical coding tasks.
- Implemented JWT-based authentication and Role-Based Access Control (RBAC) to ensure granular access control and security across microservices.
- Built and maintained token validation middleware and centralized error-handling systems for improved debugging and secure API request flow.
- Collaborated in Agile sprints, actively participated in client meetings, and implemented several proof-of-concept features in production environments.
- Designed and developed the authentication module using Node.js and Express.js, managing user login, token generation, and service-level communication across microservices.

IMMENSPPHERE IT SERVICE

Bengaluru, KA

Software Developer Intern

May 2024 – Sep 2024

- Developed full-stack web applications using React.js for the frontend and Node.js (Express.js) backend APIs.
- Built optimized RESTful APIs to handle core CRUD operations and real-time data interactions.
- Designed and implemented MongoDB schemas for structured, scalable data persistence.
- Improved user interface responsiveness and optimized database queries for better performance.

Projects

HoneyBee Farm Management System | [GitHub Repo](#) | [Live Demo](#)

July 2025

- Built a complete full-stack application to manage beekeeping operations, product inventory, and customer orders.
- Designed and implemented distinct user roles: Seller and Buyer, each with tailored UI experiences and business logic.
- Sellers can list and manage honey bottle inventory, monitor orders, and track sales; changes on the seller page reflect in real-time on customer interfaces.
- Customers can browse products, place orders, and view purchase history with a streamlined shopping experience.
- Integrated JWT-based authentication for secure login and managed invoice generation workflows for completed orders.
- **Tech Stack:** Node.js, Express.js, MongoDB, React.js, JavaScript, CSS, JWT, RESTful APIs, React Router.

[Instagram Clone](#) | [GitHub Repo](#)

Oct 2024

- Implemented secure user authentication using JWT and bcrypt for encrypted passwords and session management.
- Integrated Socket.io for real-time messaging between users, simulating Instagram-like chat functionality.
- **Tech Stack:** Node.js, Express.js, MongoDB, React.js, JavaScript, Tailwind CSS, Socket.io, JWT, bcrypt, RESTful APIs

Education

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY

Bachelor of Engineering in Electronics and Communication (CGPA 7.1)

Kurnool, AP

Aug 2022

Certifications

Professional Certification in Software Engineering and Agentic AI – Currently pursuing (Alma Better)

Java Full Stack Development – Completed comprehensive training (JSpiders, Bengaluru)

Additional Skills

Time Management | Creativity | Problem Solving | Punctuality