

Mahaveer A

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Professional Summary:

Full Stack Developer specializing in backend systems, authentication, and real-time applications. Proven ability to build secure, scalable solutions with expertise in Node.js, databases (SQL/NoSQL), and system optimization and a passionate tech enthusiast at heart.

Work Experience:

- ❖ **Software Developer Intern – Caratlane – a Tata Product** | Jun 2025 – Present | Onsite | Chennai
 - Selected for a 6 months onsite internship at caratlane, an online jewelry retailer. (Technology Department).
- ❖ **Full Stack Developer – Yokostyles** | Feb 2025 – May 2025 | Remote
 - Developed an AI-powered automation system for the GarmentCode project that generated and interpreted structured clothing patterns, reducing manual design time by 40% and improving pattern accuracy by 30%.
 - Implemented a multi-user database system for managing chat interactions, enabling seamless support for 10,000+ concurrent users while ensuring persistent data integrity.
- ❖ **Full stack Developer Intern – Manvian** | Sep 2024 – Dec 2024 | Remote
 - Designed and developed RESTful APIs using Node.js with TypeScript, improving system reliability.
 - Conducted comprehensive API testing using Postman, reducing production bugs by 30%.
 - Optimized data retrieval processes across multiple application modules.

Projects:

- ❖ **Real time chat application | mahaveer.dev/projects/personal_projects/6**
 - Tech stack: Python – FastAPI, MySQL.
 - Developed a Secure Chat application using React.js and FastAPI with the help of websockets for real-time chatting.
- ❖ **Authentix – NPM Package | npmjs.com/package/authentix**
 - Efficient token-based authentication with custom flows and security features.
- ❖ **Biometric Attendance and employee Management System**
 - Developed a Biometric Attendance and Employee Management System, reducing manual attendance entry and processing errors.

Skills:

- **Programming Languages:** JavaScript, TypeScript, Python, Java
- **Frameworks & Libraries:** Node.js, Express.js, React.js, Next.js, Flask, Mongoose, SQLAlchemy
- **Databases, Tools & Platforms:** MongoDB, MySQL, Git, Docker, Postman, Socket.IO, Redis, Kafka, Microservices.
- **Secondary Focus Areas:** Web Pentesting, API Testing, Software Testing, Open source Contribution, Ethical Hacking

Education:

- **Panimalar Engineering College** - B. Tech in Information Technology | 2022-2026 - CGPA : **8.02**
- **Velammal Matriculation Higher Secondary School** - HSC | CSE | 2022 - **91%**

Achievements & Activities:

- **Pentesting:** Conducted penetration testing on internal platforms—bypassed middleware on QSpiders' placement assessment portal and tested vulnerabilities on the newly launched college website.
- **Hackbyte 3.0 Hackathon | Madhya Pradesh:** We a team of 4 got selected for the hackbyte 3.0 hackathon and developed a refunded base online learning platform.