AYUSH MHAISANE

Pune, Maharashtra

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Professional Summary

Enthusiastic and detail-oriented third-year Information Technology student with a strong foundation in Java and hands-on experience building impactful projects using MERN and FullStack. Passionate about software development and currently mastering the MERN stack to strengthen full-stack capabilities. Committed to applying technical expertise, creativity, and problem-solving skills to deliver real-world solutions.

Experience

Compilers Technologies   **June 2023 – July 2023**
Software and Web Development Intern   *Amravati, Maharashtra*

- Completed hands-on training in Advanced Java including Swing, JDBC, Servlets, JSP, along with HTML and CSS.
- Developed GUI-based applications using Java Swing and implemented backend operations via JDBC and Servlet architecture.
- Gained experience in web application development workflows, including server-side programming and frontend design.
- Recognized for punctuality, dedication, and problem-solving attitude during the internship.

Projects

MERN Stack Portfolio App | *React, JavaScript, Tailwind, MongoDB*   **April 2025**

- Created a Single Page Application (SPA) portfolio showcasing modern UI/UX, clean layout, and optimized front-end performance.
- Implemented smooth scrolling and section-highlighting navigation using react-scroll.
- Enhanced UI with scroll-to-top features, custom Tailwind components, and seamless client-side transitions.

Full-Stack Call Scheduling Platform (Calendly Clone) | *Next.js, Prisma, NeonDB, Clerk*   **November 2024**

- Developed a complete booking and scheduling platform using Next.js, Prisma ORM, and NeonDB (PostgreSQL).
- Integrated Google Calendar API to auto-generate Google Meet links and synchronize events.
- Implemented secure authentication using Clerk and built a responsive UI with Tailwind and Shadcn UI.

LeetMetric — LeetCode Stats Tracker | *JavaScript, HTML/CSS*   **September 2024**

- Built an interactive web app to fetch and analyze LeetCode user statistics using public APIs.
- Displayed metrics including problems solved, acceptance rate, rankings, and submission trends.
- Strengthened skills in data fetching, visualization, and dynamic UI creation.

AI Chat with PDF Application (RAG System) | *Next.js, LangChain, QuadrantDB, BullMQ, Clerk*   **In Progress**

- Developing a scalable Retrieval-Augmented Generation (RAG) system to enable context-aware chat interaction with uploaded PDF documents using advanced vector database and queuing technologies..
- When a user asks a question, the app finds the most relevant pieces of information in the database and sends those, along with the question, to an AI model (LLM) to get a direct, accurate answer.

Technical Skills

Languages: C++, Java, JavaScript, Python, SQL, HTML/CSS

Frameworks/Technologies: MongoDB, APIs, Git, Linux, MySQL, React.js, Node.js (basic), NeonDB

Developer Tools: VS Code, Eclipse, IntelliJ IDEA, GitHub, Postman, MySQL Workbench

Education

D.Y. Patil College of Engineering, Akurdi   **Sep. 2024 – Present**
Bachelor of Engineering in Information Technology (2nd Year CGPA: 9.25)   *Pune, Maharashtra*

Government Polytechnic, Amravati   **Aug. 2021 – June 2024**
Diploma in Information Technology (Percentage: 92.89%)   *Amravati, Maharashtra*

Aski Kids Public School, Akot   **June 2021**
Secondary School Certificate (SSC) (Percentage: 94.40%)   *Akot, Maharashtra*

Certifications

NPTEL Certification in Database Management Systems

BE10x AI Workshop Certificate

Internship Certificate from Compilers Technologies, Amravati