

KAUSTUBH AHER

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Profile Summary

Final-year B.Tech Computer Engineering student with strong skills in Java, Python, and full-stack development (MERN stack & Spring Boot). Solid grasp of Data Structures, Algorithms, and core CS subjects. Passionate about building scalable, secure applications with production-ready code. Experienced in collaborative development, problem-solving, and delivering impactful solutions.

Education

Sanjivani College of Engineering
Bachelor of Technology in Computer Engineering

August 2021 – May 2025
Kopergaon, Maharashtra

Technical Skills

- **Programming Languages** : Java, Python, C++
- **Frontend Technologies**: JavaScript, Tailwind CSS, React.js
- **Backend Technologies**: Node.js, Express.js, API Handling, Spring Boot, Hibernate
- **Data Structures and Algorithms**
- **Operating System** : Windows, Linux
- **Tools**: VS Code, Eclipse IDE, IntelliJ IDEA, MySQL Workbench, MongoDB Compass
- **Version Control**: Git, GitHub
- **Databases**: MySQL, MongoDB
- **System Design**
- **AWS (EC2, S3, Lambda, CloudFormation)**
- **Docker** • **Kubernetes**

Soft Skills

- Strong foundation in problem-solving
- Teamwork and Collaboration
- Adaptability
- Attention to detail
- Time Management
- Communication

Projects

Real-Time Chat Application Project

- Engineered a cutting-edge real-time chat application leveraging the MERN stack, Socket.io, and Redux Toolkit.
- Integrated secure user authentication with JWT for seamless sign-up, login, and profile management.
- Enabled chat room creation and management, real-time messaging with emoji support, and instant notifications for new messages.

E-Learning Platform Project

- Designed and developed a dynamic full-stack e-learning platform featuring an interactive course catalog, secure payment integration, and certification upon course completion.
- Implemented robust user authentication and role-based access control for admins, ensuring a secure and scalable system.
- Developed comprehensive course management capabilities, including CRUD operations for course administration.
- Integrated Razorpay API for smooth and secure payment processing during course enrollments.
- Automated certificate generation, providing users with professional credentials post-course completion.

Hospital Web Application for Patient & Doctor Interaction

- Developed a responsive and user-friendly hospital management website to enhance patient and doctor interactions.
- Designed and implemented intuitive UI components for patient records, appointments, and doctor listings.
- Ensured seamless navigation and mobile responsiveness for an improved user experience.
- Used Tailwind CSS for aesthetic and responsive styling while optimizing UI performance.
- Deployed the project online at drkanadehospital.com, ensuring broad accessibility for users.

Interests

Interests include playing cricket, chess, and volleyball, as well as drawing