Adarsh Kumar

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About

Final-year Computer Science student passionate about creating scalable systems and innovative solutions, eager to turn ideas into impact.

Projects

Clowder AI-Powered E-Learning Platform   GitHub

- Developed an AI-based learning platform enabling interactive courses and performance analytics.
- Implemented adaptive testing and real-time feedback using the **MERN stack + AI models**.
- Designed REST APIs and integrated code analyzers, improving assessment accuracy by **20%**.

Smart Recipe Generator AI-Driven Cooking Assistant   GitHub | Live

- Built an AI-powered recipe recommendation system using **Spring Boot, React, MongoDB, Gemini AI**.
- Integrated secure authentication with **Google OAuth + JWT**.
- Deployed end-to-end using **Railway (Backend)** and **Render (Frontend)**.

Burrow AI-Driven Healthcare Assistant   GitHub | Live

- Developed a healthcare assistant using **NLP and ML** for symptom checking and triaging.
- Added appointment scheduling and medicine assistance, improving user accessibility and engagement.

Experience

Hackathon Team Lead AI/ML & MERN-based Projects   *May 2023 – July 2025*

- Led **3 hackathon teams**, designing solutions with **AI/ML and MERN stack**, delivering functional prototypes under tight deadlines. .
- AI-powered healthcare assistant with chatbot interface for doctor booking and medicine scheduling; streamlined patient workflows by 40%.
- **Adaptive e-learning platform (Clowder)** enabling **real-time code analysis & personalized tests**, boosting student engagement and ranked **Top 45 at SIH 2024**.

Education

Parul University, B-Tech in Computer Science   *Sept 2022 – May 2026*
- Current CPI: 7.33/10

Class 12 (PCM), Percentage: 64.33%   *2021 – 2022*
Class 10, Percentage: 70.16%   *2019 – 2020*

Technical Skills

Languages: Java, C/C++, JavaScript, Python

Relevant Coursework: Object-Oriented Programming, Data Structures & Algorithms, Operating Systems, Computer Networks, Database Systems

Technologies & Tools: Spring Boot, MERN Stack, RESTful APIs, MongoDB, Git/GitHub, Postman, Vercel, Render, Railway

Achievements

- Top 45 Finalist, Smart India Hackathon 2024 (University Level)   *View*
- AI/ML Hackathon 1.0 - Certificate of Participation   *View*
- AI/ML Hackathon 2.0 - Certificate of Participation   *View*
- Postman API Student Expert - Verified Badge   *View*