Amrita Kadam
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Education

Indian Institute of Information Technology Raichur   *Expected 2027*
B.Tech in Computer Science,CGPA: **8.51**
Relevant Courses: Data Structures, OOP, Python, Software Engineering, AI, Computer Architecture

Experience

TerraBiz - Back End Developer Intern   *Feb 2025 - April 2025*
Remote
- Developed scalable RESTful APIs using Node.js and Express.js for web applications.
- Designed and **optimized** MongoDB database schemas, enhancing data security.
- Collaborated with cross-functional teams to integrate backend logic, improving system efficiency.

Projects

Prison Management and Live Tracking System(Website, App**)**
- Built a web and mobile platform for **200+ personnel** and **500+ prisoners** with GPS tracking and geofencing, boosting efficiency by **35%**.
- Implemented RBAC and real-time anomaly detection, reducing security breaches by **25%**.
- Integrated secure communication, cutting response times by **20%**.
Tech: React.js, Node.js, PostgreSQL, Socket.io, Docker, Leaflet.js

LoveNote (Website)
- Developed a MERN stack web app for users to leave love notes, tested by **100+ batchmates**.
- Designed responsive UI with Chakra UI and deployed on Render for seamless user access.
Tech: MongoDB, Express.js, React, Node.js, Chakra UI, Render

Real-Time Chat Application (Website)
- Created a real-time chat platform enabling group and individual messaging for registered users.
- Implemented scalable backend with real-time updates, enhancing user engagement.
Tech: Node.js, Express.js, MongoDB, Socket.io, HTML, CSS

Student Portal (GitHub)
- Built a web platform for **80+ students** to access **100+ course** materials, improving productivity by **30%**.
- Developed an announcement module, reducing communication delays by **40%**.
Tech: Node.js, Express.js, EJS, JWT, MongoDB

Achievements

- Ranked in top **1.3% in Coding Hackathon** among **50,000+ students** (AlgoUniversity Tech Fellowship).
- Solved **500+ DSA problems** on LeetCode and **200+ on Codeforces/GeeksforGeeks**.
- Top **50 in ISS Coding Hackathon** among 1,500+ students, built a real-time ISS tracker using Leaflet.js, Node.js, MongoDB.

Skills

- **Programming**: C, C++, Python, JavaScript, TypeScript
- **Technologies**: React, Node.js, Express.js, MongoDB, PostgreSQL, Socket.io, Docker, Chakra UI
- **Models**: YOLOv8, OCR

Extracurricular

CodeSoc - DSA Club, Tech Coordinator   *2023 - Present*
- Mentored 150+ students in DSA and competitive programming.
- Organized Code Conflux Hackathon, showcasing innovative projects (Website).