

Umar Ahmed

Aspiring Full-Stack Developer | AI & Java Enthusiast

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Professional Summary

Detail-driven and passionate Computer Science undergraduate with a solid foundation in full-stack development, artificial intelligence, and software engineering. Demonstrated ability to develop scalable applications and intelligent systems using modern technologies. Experienced in team-based and fast-paced environments through national-level hackathons, internships, and innovation challenges. Dedicated to continuous learning, open-source contribution, and solving real-world problems using code.

Education

- Bachelor of Engineering in Computer Science

Navodaya Institute of Technology, Karnataka, India

Expected Graduation: 2027

Technical Skills

- Languages: Java, Python, C, JavaScript, HTML, CSS

- Frontend: React.js, Vite, ShadCN/UI, Bootstrap, Vanilla JS

- Backend: Node.js, Express.js, Spring Boot, Flask

- Databases: MongoDB, MySQL, SQLite, Firebase Firestore

- APIs & Tools: RESTful APIs, JWT, Git, GitHub, Postman, VS Code, IntelliJ IDEA, PyCharm, Figma

- Technologies: Artificial Intelligence (ML, Predictive Analytics, Explainable AI), Full-Stack Web Development, Game Development (Java 2D), UI/UX Design, Version Control

Projects

- RAHI Rural Aspirants Holistic Interface: Empowered rural youth with personalized career guidance and skilling resources using Firebase and dynamic dashboards.

- Smart Healthcare Assistant: AI-powered assistant for disease prediction, recommendations, and symptom analysis using Explainable AI.

- AI-Powered Financial Sentiment Analysis: NLP-driven sentiment analysis for predicting financial market trends.

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- Tic-Tac-Toe Game: Java-based browser-playable 2D game with clean logic and no dependencies.
- LevelUp Academic & Fitness Tracker: Gamified productivity tool with XP, streaks, and AI-driven suggestions using Node.js and MongoDB.
- Hyper-Personalized Marketing Campaign Generator: Generated marketing content with Hugging Face API and secure backend logic.

Internship Experience

- AI Intern Y-Hills Tech Community (May 2024 - June 2024): Built ML models and pipelines, gained real-world exposure in predictive analytics.

Hackathons & Technical Events

- InnovateX Hackathon Presidency College, Bangalore (National Level)
- HackVyuha Hackathon Vijayapura (National Level)
- Robo Race Event Atria Institute of Technology
- National Article Presentation Showcased a low-cost Arduino-based smart car

Achievements & Leadership

- Campus Ambassador Rinex & IIT Bhubaneswar (July-August 2024): Recognized for leadership and promotion of entrepreneurship and tech initiatives.

Certifications

- AI & Machine Learning Y-Hills
- Java Programming Sololearn
- ChatGPT for Developers LearnPrompt
- HTML & Responsive Web Design FreeCodeCamp
- Arduino Prototype Race Participant
- National Conference Paper Presentation Automation in Low-Cost Robotics

Interests

- AI and ML, Full-Stack Development, Game Development, Hackathons, Problem Solving, Open Source Contributions, Robotics