

KUMAR ADITYA

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PROFILE

Motivated and self-driven Software Engineering student at Jain University (Graduating August 2026), with a solid foundation in full-stack web development and software engineering principles. Proficient in MERN Stack (MongoDB, Express.js, React, Node.js), Java, and Python. Experienced with Linux environments, distributed systems, machine learning, and TCP/IP networking protocols. Proven skills in developing scalable web applications, team collaboration, debugging, and optimizing code for performance. Passionate about leveraging technology to build innovative software solutions.

EDUCATION

Computer Science Engineering	2022-2026
Jain University (Bangalore, Karnataka)	7.8 CGPA
12th Boards CBSE	2020 - 2022
Indian Public School (Purnia, Bihar)	82%

PROJECTS

Full Stack Developer – E-Commerce Platform (React | MongoDB | Node.js | Express.js)

- Developed a secure e-commerce application with user authentication, product, cart, and payment gateway.
- Created responsive UI using React, and implemented admin dashboards for inventory/order management.
- Built RESTful APIs with Node.js and Express.js; used MongoDB for scalable data storage.

Frontend Developer – Blogging Website (HTML | CSS | JavaScript)

- Developed a responsive frontend for a blogging platform with clean UI, dynamic content rendering, and interactive features (like/comments).
- Built custom layouts using HTML/CSS (Flexbox/Grid) and implemented DOM manipulation with vanilla JavaScript.

Machine Learning Developer – Spam Detection System (scikit-learn | NLTK | pandas)

- Developed a spam classifier using TF-IDF and Naive Bayes/SVM, achieving 95% accuracy.
- Processed and cleaned data with pandas, deployed the model using Flask API.
- Emphasized information retrieval, evaluation metrics, and scalable deployment.

TECHNICAL SUMMARY

- Languages:** Java, Python, HTML, CSS, JavaScript
- Platform & Tools:** Linux, Git, Postman, GitHub, VS Code
- Concepts:** Distributed Systems, Machine Learning, Information Retrieval, TCP/IP
- Frameworks & Technologies:** React, Node, Express, MongoDB, MySQL
- Soft Skills:** Presentation Design, Continuous Learning, Problem Solving, Time Management, Team Collaboration

- **English, Hindi-** All professional level or above

EXPERIENCE

- Kavach Hackathon – Participant
 - Worked collaboratively in a team of five to conceptualize and present our idea effectively.

CERTIFICATIONS

- Python Basics – Coursera (by University of Michigan) *Jan, 2025*
- Effective Problem-Solving and Decision-Making – Coursera (by University of California, Irvine) *Dec, 2025*