# Aastha Joshi

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## **EDUCATION**

# • Banasthali Vidyapith

Bachelor of Technology - Computer Science

 $Rajasthan,\ India$ 

July 2022 - May 2026

Courses: Operating Systems, Data Structures and Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases

## SKILLS SUMMARY

• Programming and Frameworks: Java, C++, Python, JavaScript, Spring Boot, Django, Node.js, Express.js

- Technologies and Tools: Tailwind CSS, Bootstrap, PyTorch, TensorFlow, Docker, Redis, Git, Postman, VS Code
- Databases and Cloud: MongoDB, PostgreSQL, AWS
- Soft Skills: Leadership, Event Management, Public Speaking

## EXPERIENCE

# • Program Manager

Codess Cafe

Delhi, India October 2024 - Present

- Led initiatives to enhance partnerships, marketing strategies, and community engagement, driving business growth.
- Conducted research and presented actionable solutions to leadership, improving strategic decision making.
- o Data analysis tools used to optimize performance reporting and operational efficiency.

# • Software Development Intern

Airtel Payment Bank

Gurugram, India May 2024 - July 2024

- o Designed and deployed a scalable audit interface panel using React.js and Bootstrap, streamlined audit workflows.
- Integrated Spring Boot back-end with RESTful APIs, enhancing data accuracy and system reliability.
- Built a robust MERN stack architecture, optimizing performance and scalability.

## • Machine Learning Research Intern

Dr. SPM International Institute of Information Technology

Naya Raipur, Chhattisgarh March 2024 - May 2024

- o Developed a GNN-based framework with Python and PyTorch, achieving high diagnostic precision for medical imaging.
- Designed and validated data-driven models that demonstrate significant advancements in clinical decision support.

## Projects

- editor.io: An online code editor that supports the development of HTML, CSS and JavaScript. A markdown editor to generate the text.
- ai for social good: Using natural language processing to analyze the sentiments of people and detect suicidal ideation on online social content.
- chatify: Personal chat room or workspace to share resources and hang out with friends built with React.js, Material-UI and Firebase.

## ALGORITHMIC COMPETITIONS/ACHIEVEMENTS

- Finalist in Flipkart Runway (Top 30): Recognized for innovative solutions and outstanding performance in one of India's premier technology competitions.
- Semi-Finalist in Mercer Mettle: Recognized for exceptional contributions and innovative ideas in a technology competition aimed at empowering women.
- Participant in Woman Innovathon: Contributed to the development of innovative solutions in a competitive environment focused on empowering women in technology.

#### Honors and Awards

## • SheFi Scholar, Batch of 2024

September 2024 - Present

Selected among the top 5% for an elite DeFi program, gaining expertise in blockchain, Web3, crypto strategies, and scalable decentralized financial systems.

# • Mentee, Codess Cafe

December 2024 - Present

Selected for South Asia's largest women-in-tech community, receiving mentorship in software development and career growth.

# Volunteer Experience

# Technical Head at E-Cell (Entrepreneur Club)

Banasthali Vidyapith

Led a team of 10 to organize workshops and events, achieving 200% growth in engagement.

August 2024 - Present