

Anushka Dassi

✉ anushkadassi@iisc.ac.in · ☎ 8810502522 · 📍 Bangalore, India

Summary

Third-year Mathematics and Computing student at IISc with strong programming skills and practical experience in software development. Demonstrated leadership abilities and experience in project management. Seeking challenging software engineering internship opportunities.

Technical Skills

- **Programming:** Python, C, HTML, CSS
- **Tools & Technologies:** MATLAB, ROS
- **Development:** Data Structures, Algorithms, Software Design
- **Other:** Version Control, Technical Documentation

Work Experience

AI Technology Intern

June 2024 - September 2024

Ernst & Young (EY) - AI PMU Department

- Developed a WhatsApp chatbot using APIs for improved user interaction, gaining expertise in scalable AI solution development under resource constraints
- Conducted comprehensive research on AI applications in education, analyzing adaptive learning systems, AI-driven grading tools, and intelligent tutoring systems
- Researched and documented AI applications in traffic management, focusing on ML integration, computer vision, and intelligent traffic control systems
- Implemented and tested multiple chatbots for various sectors including Women & Child Development, Tourism, and Procurement
- Tackled language-related challenges for Punjabi-language bots through collaboration with cross-functional teams
- Studied AI-driven methods including real-time traffic prediction, CNN-based vehicle detection, and reinforcement learning for traffic flow optimization

Software Development Intern

01/2023 - 03/2024

Woloo Assurance of Hygiene

- Developed and maintained backend applications using modern software practices
- Implemented interactive features to enhance customer communication
- Designed and formatted app features for improved user experience
- Collaborated with cross-functional teams to deliver high-quality solutions

Leadership Experience

Founding Chairperson

04/2023 - Present

IISc ACM-W Student Chapter

- Lead a team of 20+ members in organizing technical events and workshops
- Managed event planning and execution with budgets up to RS. 30,000
- Increased chapter membership through outreach initiatives

Education

B.Tech Mathematics and Computing

Indian Institute of Science

8.0/10

10/2022 - Present

Relevant Coursework:

- Data Structures and Algorithms
- Introduction to Computer Systems
- Introduction to AI and ML
- Software Development Practices
- Random Processes
- Linear and Non-Linear Optimisation

12th CBSE board

95.2 10th CBSE board

97.6

Projects & Achievements

- Developed an AI-powered recommendation system using Python and ML libraries
- Created a robotics simulation project using ROS
- International Cyber Olympiad - International Rank 87
- JEE Mains - 99.2 percentile
- Jee Advanced - cleared

Soft Skills

- Leadership and Team Management
- Event Planning and Organization
- Public Speaking and Presentation
- Cross-functional Collaboration

Languages

English, Hindi, Kashmiri, French (Full Professional Proficiency)