

Harshita Yadav

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ABOUT ME

Motivated first-year Integrated B.Tech Computer Science (AI & ML) student at Polaris School of Technology, Bangalore. Passionate about artificial intelligence, machine learning, robotics, and full-stack web development, with a strong interest in building real-world, impact-driven solutions. Actively developing skills in Python, web technologies, and data structures, while contributing to open-source projects and participating in hackathons.

EDUCATION

Integrated B.Tech in Computer Science (AI & ML)

Polaris School of Technology, Bangalore | 2024 – 2028 (Expected)

TECHNICAL SKILLS

Programming: Python (Beginner – DSA in progress), JavaScript (Basic), Dart

Web Development: HTML, CSS

Tools & Platforms: Git, GitHub

Core Concepts: Problem Solving, Debugging, Logical Thinking

Soft Skills: Communication, Teamwork, Documentation, Presentation

PROJECTS

Dart Web API Contributions — Web Platform Development (In Progress)

- Working on Dart Web API bindings and WebIDL-based code generation
- Exploring browser API mappings and improving missing or incorrect declarations
- Learning open-source workflows through issue discussions and reviews

SageMath — Mathematical Software Development (In Progress)

- Working with the SageMath codebase on mathematical rendering and logic issues
- Learning debugging in large scientific computing projects
- Gaining experience with collaborative development and patch-based contributions

NextRead — Personalized Reading Platform (In Progress)

- Building a recommendation-based reading platform focused on user interests
- Improving content discovery and personalized learning experience

Smart City Dashboard

- Designed a dashboard to visualize city infrastructure and resource usage
- Focused on clean UI design and meaningful data presentation

ACADEMIC & PRACTICE PROJECTS

Implemented multiple small-scale applications through coursework and self-practice, strengthening fundamentals of programming, logic building, and debugging.

HACKATHONS & PARTICIPATION

INTERESTS

Artificial Intelligence & Machine Learning, Robotics, Mathematics, Web Development, Open-Source Contribution

CAREER OBJECTIVE

Curious and driven engineering student aspiring to build intelligent and scalable systems using AI, ML, and robotics. Passionate about continuous learning, innovation, and contributing to impactful technology solutions.