

Sarthak Pathak

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Education

Bachelor of Technology (B.Tech) – Computer Science Engineering Graphic Era Hill University, Bhimtal	2022–2026
Senior Secondary (CBSE – Class XII) Arden Progressive School, Haldwani	2022 Percentage: 79.4%
Secondary (CBSE – Class X) St. Mary's Convent School, Gajraula	2020 Percentage: 87.6%

Projects

P2P Serverless Torrent Web Application [GitHub](#)
HTML, CSS, JavaScript, WebTorrent, Node.js

- Developed a decentralized peer-to-peer file sharing system without centralized servers.
- Enabled real-time upload, download, and streaming across multiple peers.
- Designed a responsive and reliable user interface.

Enterprise IT Helpdesk Ticket Management System [GitHub](#)
Flask, MySQL, REST APIs, HTML, CSS, JavaScript

- Designed and developed an enterprise-level IT helpdesk ticket management system using Flask and MySQL.
- Implemented end-user ticket creation with issue categorization and priority handling.
- Built an admin dashboard to manage ticket lifecycle (Open → In Progress → Resolved).
- Developed RESTful APIs for real-time frontend-backend integration.
- Followed enterprise UI/UX standards with role-based access aligned to service desk workflows.

Certifications

- AWS Cloud Practitioner Essentials – AWS Skill Builder
- Introduction to Databases and SQL Querying – IBM SkillBuild
- Python 3 Programming (Beginner to Advanced) – Udemy
- NCC C Certificate

Leadership

Secretary – Robotics Club, GEHU Bhimtal

- Conducted Arduino workshops and coordinated technical club activities.

Skills

Languages: Python, JavaScript, C++, SQL

Web Technologies: HTML, CSS,

Frameworks & Databases: Flask, REST APIs, MySQL

Core Concepts: DBMS, Operating Systems, OOPs, Computer Networks

Tools: Git, GitHub, VS Code