Arpit Tripathi

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○ arpittripathi-collab

Education

Quantum University   *Roorkee,India*
B.Tech in Computer Science Engineering   *Aug 2023 – present*
- CGPA: 8.34/10.0
- Expected Graduation: June 2027

Swami Vivekanand Vidyashram   *Prayagraj,India*
Class XII in PCM   *Apr 2022 – June 2023*
- Percentage: 79%

Experience

AI Azure Intern   *Remote*
Microsoft (AICTE & Edunet Foundation) 🔗Certificate   *June 2025 – July 2025*
- Completed a **4-week internship** on **AI & Cloud solutions using Microsoft Azure.**
- Developed **machine learning model** for the **Fire Classification** using **MODIS data.**
- Gained experience in **cloud computing, AI/ML integration, and Azure services.**

Projects

Global College Finder   🔗*Link*
Tech-Stack: Node.js, Express.js, MongoDB, JWT, Cookies, REST API, Vercel , Git/   *July 2025 – Aug 2025*
GitHub
- Built and deployed **REST APIs** with **Node.js & Express** for college search and user management.
- Implemented **JWT + cookies** authentication for secure, persistent login.
- Designed optimized **MongoDB schemas** for scalable and efficient data storage.

EcoCycle – Hackathon Project (Chitkara University)   *Aug 2025 – Sept 2025*
Tech-Stack: Node.js, Express.js, MongoDB, JWT, Cookies, REST API ,Fuse js , ML.js, Git/GitHub
- Built backend with **Node.js, Express.js, MongoDB**, and implemented **JWT + Cookies** for secure authentication.
- Designed **REST APIs** and integrated *Fuse.js + ML.js** for fuzzy search and intelligent matching.
- Collaborated via **Git/GitHub**, delivering a working prototype within hackathon deadlines.

Skills

Programming Languages:: : C++, JavaScript (ES6+), TypeScript

Web Development: HTML5, CSS3, React.js, Node.js, Express.js, RESTful APIs

Languages: MySQL, MongoDB, PostgreSQL (basic)

Authentication & Security:: JWT, OAuth2.0, Two-Factor Authentication (2FA), Password Encryption

Tools & Platforms: Git, GitHub, Postman, Vercel, VS Code

Core Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms, Problem Solving

Soft Skills: Team Collaboration, Communication, Adaptability, Time Management, Analytical Thinking