

Uttkarsh Sharma

Dehradun, India — uttkarshsh12@gmail.com — +91-9456166004
linkedin.com/in/uttkarsh-sharma16 — github.com/Uttkarshsh

Education

University of Petroleum and Energy Studies (UPES)	Dehradun, India
B.Tech in Computer Science and Engineering (CCVT)	2022 - 2026

Adarsh Bal Nikanten	Roorkee, India
Class (10th)	2018 - 2019
Intermediate (12th)	2020 - 2021

Technical Skills

- **Programming Languages:** C++, C, JavaScript, HTML, CSS
- **Frameworks:** Node.js, Express.js
- **Databases:** MongoDB
- **Other Skills:** Data Structures and Algorithms (DSA), DBMS, OOP, Operating Systems, Software Engineering

Projects

AWS Cloud File Management System *Technologies: AWS S3, AWS DynamoDB, AWS SDK, Docker, Ansible*

- Implemented a RESTful API for secure file uploads to AWS S3 with metadata stored in DynamoDB.
- Developed a user-friendly interface for uploading files.
- Automated S3 bucket and DynamoDB table creation using AWS SDK.

Task Manager Application *Technologies: MERN Stack, JWT, bcrypt, MongoDB Aggregation Pipelines*

- Developed a task management system for organizing and tracking daily tasks efficiently.
- Implemented user authentication using JWT and secured password storage with bcrypt.
- Optimized task filtering and searching using MongoDB aggregation pipelines.

Internship

Social Internship - astha seva sansthan

- Conducted home-to-home awareness campaigns in villages to promote cleanliness and hygiene.
- Organized community workshops on health and sanitation practices.
- Developed educational materials for effective communication.

Involvements and Achievements

- Led a team of 10 members in a Software Engineering and Project Management (SEPM) lab project.
- Served as the group leader during the internship at astha seva sansthan.