

Ahmad Shadan Taiyabi

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Profile Summary

Computer Science student with a strong interest in cloud computing and scalable system design. Actively involved in practical projects and hackathons, with hands-on experience building real-world solutions using modern technology, AWS services and serverless architectures. Comfortable programming in Java, Python, and C, and experienced with modern backend tools through academic work, team projects, and competitive problem-solving environments. Focused on learning by building and delivering impactful, scalable applications.

Technical Skills

Cloud & DevOps	AWS (Lambda, S3, IAM, EC2, DynamoDB, Elastic Beanstalk)
Programming	Java, C, Python
Databases	MySQL, Supabase, MongoDB
CS Fundamentals	OS, DBMS, Data Communication & Networking, Cryptography & Network Security
Soft Skills	Leadership, Problem-Solving, Teamwork

Projects

Nagar Rakshak – Civic Issue Reporting Application (SIH 2025) [Live Demo](#) / Aug 2025 – Sept 2025

- As **Team Lead**, secured a position among the **Top 45** shortlisted teams in the **Internal Smart India Hackathon**.
- Built using **React (Vite)**, **TypeScript**, and **Supabase** (PostgreSQL, Auth, Realtime) with **Open Street Leaflet** for GPS-tagged civic issue reporting.
- Implemented **AI-powered** severity detection, live complaint tracking, community upvoting, and multilingual support.

Agrasar – AI-Powered Rural Services Platform (Udbhav 2025) Nov 2025

- Shortlisted among the **Top 5 teams** in the **Udbhav 2025** Uttarakhand Government AI Hackathon.
- Built an integrated platform featuring **GramSathi** – an AI-powered multilingual chatbot for rural citizen support.
- Developed modules for **scheme discovery**, **application tracking**, **grievance redressal**, and **local opportunity mapping**.

Internship

Innoventory Solutions November 2025 – Present
Software Engineer Lucknow, India

- Developed and maintained web-based software solutions using **PHP** for backend development.
- Implemented secure authentication systems using advanced **hashing techniques** and best security practices.
- Contributed to full-cycle **software development**, including requirement analysis, development, testing, and deployment.
- Designed and prototyped user interfaces using **Figma** to improve user experience and workflow clarity.

Roots2Bloom Jun 2024 – Jul 2024
Social Intern Lucknow, India

- Strengthened skills in community engagement and social responsibility through hands-on activities and research.
- Gained practical insights into industry processes and the role of technology in modern operations.

Education

UPES, B.Tech Computer Science (Cloud Computing & Virtualization Technology) Dehradun, India
CGPA: 7.75 2023 – 2027

City Montessori School, Senior Secondary Lucknow, India
Percentage: 91.5% 2022 – 2023

City Montessori School, Secondary Lucknow, India
Percentage: 91.8% 2020 – 2021

Certifications & Achievements

- Shortlisted in **Internal Smart India Hackathon 2025 (Top 45 Teams)** ([Certificate of Appreciation](#))
- Shortlisted in **Udbhav 2025 – Uttarakhand AI Mission Hackathon (Top 5 Teams)**
- TCS CodeVita Season 12** – Rank 3614 (Round 1)
- AWS Academy Graduate – Cloud Architecting** ([Badge](#))
- AWS Academy Graduate – Cloud Operations** ([Badge](#))

Positions of Responsibility

- Team Lead – Internal Smart India Hackathon 2025**
- Team Lead - Udbhav - Uttarakhand Government AI Hackathon 2025 (Level 1)**