Tushti Kulshreshtha

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EDUCATION

B. Tech in CSE Cloud Computing, DevOps	Aug. 2021 – May. 2025
UPES, Dehradun	*8.28/10*
Senior Secondary (XII) - CBSE	2020 – 2021
Three Dots Sewamarg public School, Aligarh	*95.02%*
Secondary (X) - CBSE	2018 – 2019
Three Dots Sewamarg public School, Aligarh	*90.4%*

INTERNSHIPS

IBM — June 2024 – July 2024
Intern — *Remote*
- Developed Scholar Sync, a cloud-based educational platform using the MERN stack, enabling users to create, consume, and rate educational content.
- Enhanced accessibility and interactivity, fostering seamless collaboration between learners and educators globally.

InternCareer — Dec. 2023 – Jan. 2024
Intern — *Remote*
- Created a professional portfolio website using HTML, CSS, and Javascript.
- Developed a dynamic blogging platform using the MERN stack, focusing on responsive design, user authentication, and CRUD operations.

Codegramly — July 2022 – Oct. 2022
Instructor — *Remote*
- Delivered engaging Python lessons online, promoting accessibility and remote learning.
- Fostered an inclusive environment with guidance, feedback, and resources to empower students.

BloodConnect Foundation — June 2022 – Oct. 2022
Volunteer — *Remote*
- Coordinated donor-patient connections to streamline blood transfusions while managing logistics.
- Educated donors on safe donation practices for a smooth experience.

Saakshar Hum Foundation Charitable Trust — July 2021 – May 2022
Volunteer — *Remote*
- Conducted interactive online mathematics lessons and developed digital resources.
- Enhanced the virtual learning experience and supported remote learners.

PROJECTS

P2P File Sharing System — Jan. 2024 – May 2024
- Developed a decentralized P2P file sharing application using Node.js, with secure TCP connections, and an HTML/CSS/JavaScript interface.

Blogging Platform — Dec. 2023 – Jan. 2024
- Led the creation of a dynamic blogging platform using the MERN stack, featuring user authentication, responsive design, and CRUD operations for blog posts.

Interactive Contact Management System — Aug. 2023 – Dec. 2023
- Developed a Java-based Contact Management System with Java Swing and MySQL, implementing user authentication, CRUD functionalities, and advanced search/sort features.

Quiz Management System — Aug. 2023 – Dec. 2023
- Built a microservices-based Quiz Management System using Docker for containerization and deployed it on AWS, optimizing quiz operations and system performance.

File Conversion Hub — Aug. 2023 – Dec. 2023
- Created a platform for converting various file formats, hosted on Microsoft Azure, featuring stress testing and load balancing to ensure efficient cloud workload management.

SKILLS

Programming Languages: Java, Python, C++, JavaScript, HTML/CSS
Frameworks/Technologies: MERN Stack, Docker, Git, MySQL, Microsoft Azure, AWS, Java Swing
Tools: Git, GitHub, MongoDB, Canva, MS Word, MS Excel, MS PowerPoint

CERTIFICATIONS

- AWS Certified Solution Architect Associate
- AWS Academy Graduate - Cloud Security Foundation
- AWS Academy Graduate - Cloud Architecting
- AWS Academy Graduate - Cloud Developing
- AWS Academy Graduate - Cloud Operations
- AWS Academy Graduate - Cloud Web Application Builder
- AWS Academy Graduate - Microservices and CI/CD Pipeline Builder
- Excel Data Analysis with Pivot Table and Pivot Charts — Udemy
- Front-End Development- HTML & CSS — Great Learning

POSITIONS OF RESPONSIBILITY

- Student Placement Representative (SPR) — UPES Career Service Department
- Changemaker — UPES Career Service Department
- CSR Representative — Saakshar Hum Foundation Charitable Trust
- Core Design Team Member — UPES-CSA Student Chapter
- Core Technical Team Member — UPES-CSI Student Chapter
- Core Event Head — UPES ACM & ACM-W Student Chapter

ACHIEVEMENTS

- Scored 910 in AWS Solution Architect Associate Exam
- STAR Performer as CSR Representative at Saakshar Hum Foundation Charitable Trust