

Tushti Kulshreshtha

Portfolio:- <https://tushtikulshreshtha-portfolio.vercel.app/>

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EDUCATION

B. Tech in CSE (Major: Cloud Computing, Minor: DevOps) <i>UPES, Dehradun</i>	Aug. 2021 – May. 2025 8.45/10
Senior Secondary (XII) - CBSE <i>Three Dots Sewamarg public School, Aligarh</i>	2020 – 2021 95.02%
Secondary (X) - CBSE <i>Three Dots Sewamarg public School, Aligarh</i>	2018 – 2019 90.4%

SKILLS

Programming Languages: Java, Python, HTML/CSS
Database Management: MySQL, MongoDB
Technologies/Frameworks: AWS, Docker, Agile/Scrum Development, Java Swing
Version Control System: GitHub
Tools Platforms: Git, Jira, Prometheus, Grafana

INTERNSHIPS

IBM <i>Intern</i>	June 2024 – July 2024 <i>Remote</i>
<ul style="list-style-type: none">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 <i>Intern</i>	Dec. 2023 – Jan. 2024 <i>Remote</i>
<ul style="list-style-type: none">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 <i>Instructor</i>	July 2022 – Oct. 2022 <i>Remote</i>
<ul style="list-style-type: none">Delivered engaging Python lessons online, promoting accessibility and remote learning.Fostered an inclusive environment with guidance, feedback, and resources to empower students.	
BloodConnect Foundation <i>Volunteer</i>	June 2022 – Oct. 2022 <i>Remote</i>
<ul style="list-style-type: none">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 <i>Volunteer</i>	July 2021 – May 2022 <i>Remote</i>
<ul style="list-style-type: none">Conducted interactive online mathematics lessons and developed digital resources.Enhanced the virtual learning experience and supported remote learners.	

PROJECTS

- StreamNest - Cloud-Based Video Streaming Platform Dec. 2023 – Jan. 2024
- Engineered a scalable video streaming platform using AWS services like S3, CloudFront. Designed secure user authentication and authorization using Amazon Cognito, providing smooth social media login integration and secure access control. Streamlined deployment processes with.
- 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.
- 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.

CERTIFICATIONS

- AWS Certified Solution Architect Associate
- AWS Academy Graduate - Cloud Developing
- AWS Academy Graduate - Cloud Web Application Builder
- AWS Academy Graduate - Microservices and CI/CD Pipeline Builder
- Front-End Development- HTML & CSS — Great Learning

POSITIONS OF RESPONSIBILITY

- Student Placement Representative (SPR) — UPES Career Service Department
- Class Representative (CR) — UPES School of Computer Science (SOCS)
- 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

- STAR Performer as CSR Representative at Saakshar Hum Foundation Charitable Trust