

Alveera Ahmad

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Education

University of Petroleum and Energy Studies (UPES), Dehradun, India 2022 – 2026
B.Tech. in Computer Science and Engineering (Specialization in Cloud Computing and Virtualization Technology)
CGPA: 7.40 / 10

Experience

- Vitessence (Subsidiary of Agilité Global Solutions)** – Remote, USA Nov 2024 – May 2025
Quality Assurance Testing Intern
- Designed and executed test cases for multiple web applications to ensure software reliability and performance.
 - Conducted manual and automated testing using Playwright and Cypress, reporting detailed bug reports to developers.
 - Collaborated with product and engineering teams to streamline the QA pipeline, improving testing efficiency by 20%.
- IBM (EstateKart)** – Remote June 2025 – July 2025
Backend & Cloud Developer Intern
- Developed serverless backend APIs using AWS Lambda and API Gateway for a real estate platform.
 - Built REST APIs using Node.js and integrated MongoDB with Mongoose.
 - Used AWS cloud services to support a scalable, event-driven architecture. .

Projects

- Cloud-Native Image Upload Platform** July 2025 – Aug 2025
[GitHub](#) — AWS , Docker , CI/CD , React , Node.js
- Engineered a cloud-native full-stack image upload platform using AWS S3, with a Node.js backend and React frontend.
 - Containerized and deployed the application on AWS using Docker with an automated GitHub Actions CI/CD pipeline, ensuring scalable and reliable delivery.
- Dockerized & Kubernetes-Based Projects** Jan 2025 – Mar 2025
[GitHub](#) — Docker, Kubernetes, Jenkins, Streamlit, PostgreSQL, AWS EC2
- Built and deployed 10+ containerized apps demonstrating DevOps, microservices, CI/CD, and orchestration.
 - Hosted full-stack and ML apps on AWS EC2, used Jenkins for CI/CD pipelines.

Technical Skills

Languages: Python, C++, JavaScript, TypeScript, SQL

Cloud: AWS (EC2, Lambda, S3, IAM, CloudWatch)

DevOps: Docker, Kubernetes, Jenkins, Git, CI/CD, Microservices

Web/Frameworks: Node.js, Express, React, MongoDB, HTML5, CSS3

Testing Tools: Playwright, Cypress

Others: Streamlit, GitHub, REST API Development

Certifications & Achievements

- **AWS Academy Cloud Architecting (2025):** [View Credential](#)
- **AWS Cloud Practitioner Essentials (2025):** [View Credential](#)
- **GitHub Foundations (2024):** [View Credential](#)