



Education

Vellore Institute Of Technology, Chennai
Bachelor of Technology in Computer Science; CGPA: 7.49

Aug 2021 – Jul 2025
Chennai, India

Experience

Airbus India Private Limited

Jun – Dec 2025
Bangalore, India

- Developed a **Camera Calibration Platform** using Flask and React, reducing manual calibration time by **40%** through automated X, Y, Z plot generation and **WebRTC** streaming.
- Engineered a **People Anonymization Tool** using **YOLO** and **OpenCV**, achieving **98% detection accuracy** for human subjects and automating secure storage in **Azure Blob Storage**.
- Built scalable **FastAPI** backends, improving API response times by **25%** for internal tracking tools, documented via **Swagger** for 100% team transparency.
- Automated deployment pipelines using **Jenkins CI/CD**, decreasing production build errors by **15%** on **Azure Virtual Machines**.
- Optimized cloud resource access using **Azure RBAC**, ensuring **zero security breaches** during the handling of sensitive internal media assets.

Global Software Solutions Pvt Ltd.

Aug – Dec 2023
Chennai, India

Cloud DevOps Intern

- Managed cloud infrastructure and CI/CD processes within **Azure DevOps**, implementing automation scripts that reduced manual deployment overhead by **20%**.
- Streamlined cloud operations by monitoring system performance and assisting in the migration of legacy services to containerized environments.
- Gained hands-on experience in **Infrastructure as Code (IaC)** and automated resource provisioning to ensure robust environment consistency.

G3 Technologies

Apr – May 2022
Chennai, India

Cloud DevOps Intern

- Developed responsive front-end components using **React.js**, improving user engagement by **15%** via optimized **UI/UX** flows.
- Integrated **RESTful APIs** using **Node.js** and **Express**, reducing data retrieval latency by **30%** through SQL optimization.
- Collaborated on **JWT-based authentication** implementation, decreasing unauthorized access attempts by **20%**.

Projects

CodeCommerce



| *Node.js, MongoDB, Express.js, React.js*

- Developed a fully functional e-commerce platform with secure authentication and an admin panel for product management.
- Deployed the application on **Azure Virtual Machines** with **MongoDB Atlas**, supporting up to 500+ concurrent requests during testing.

Blood Bank with Azure Integration



| *HTML5, JavaScript, React.js, Node.js, MongoDB, Azure*

- Developed a cloud-based platform connecting donors/recipients, reducing deployment time by **40%** via **Jenkins CI/CD**.
- Containerized services using **Docker** and orchestrated deployments with **Azure Kubernetes Service (AKS)**.

Technical Skills

Cloud Platforms: Microsoft Azure, AWS, Google Cloud Platform

Languages: Python, JavaScript, HTML5, CSS, C++, Java, SQL

DevOps & IaC: Terraform, ARM Templates, Docker, Kubernetes (AKS), Jenkins, GitHub Actions

Tools: Git, Postman, Prefect, Swagger, Azure DNS

Frameworks: FastAPI, Flask, React.js, React Native, Node.js, Express.js, Spring Boot

Coursework: Object-Oriented Programming, DBMS, Operating Systems, Data Structures and Algorithms

Methodologies: Agile Methodology, Azure RBAC, Cloud Security Best Practices

Certifications

Java Full Stack Developer; IAMNEO | **Google Cloud Computing: Foundations**

Microsoft Azure Fundamentals AZ-900 | **Microsoft Azure Administrator AZ-104**