



## 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**