NARRA SRUJAN

📞 +91-9493416047   ✉ sonusrujan76@gmail.com   in N.Srujan
🌐 Portfolio

Education

Vellore Institute Of Technology, Chennai   **Aug 2021 – Jul 2025**
Bachelor of Technology in Computer Science: CGPA: 7.49   *Chennai, India*

Experience

Airbus India Private Limited   **Jun – Dec 2025 (Present)**
Cloud Intern   *Bangalore, India*

- Developed a **Camera Calibration Platform** using Flask and React, integrating **WebRTC** and **FFmpeg** for real-time video streaming; automated X, Y, Z calibration plots and data storage via **Azure Blob Storage** and **Cosmos DB**.
- Engineered a **People Anonymization Tool** using **YOLO** models and **OpenCV** to detect and blur human subjects in media files, orchestrating the pipeline with **Prefect** for scalable, periodic processing.
- Built and integrated high-performance APIs using **FastAPI** and **Swagger**, ensuring scalable backend services for internal human detection and movement tracking tools.
- Deployed and managed cloud-native applications on **Azure Virtual Machines**, configuring network routing via **Azure DNS** and establishing **Jenkins CI/CD** pipelines for production-ready builds.
- Collaborated with cross-functional teams to enhance cloud architecture, utilizing **Azure RBAC** and security best practices for internal data handling.

Global Software Solutions Pvt Ltd.   **Aug – Dec 2023**
Cloud DevOps Intern   *Chennai, India*

- Managed cloud infrastructure and CI/CD processes within **Azure DevOps**, implementing automation scripts to reduce manual deployment overhead.
- 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.

Projects

CodeCommerce ⭘ | *Node.js, MongoDB, Express.js, React.js*
- ∗ Developed a fully functional e-commerce platform with a consumer-friendly interface.
- ∗ Implemented secure authentication and designed an admin panel for efficient product management.
- ∗ Deployed the application on **Azure Virtual Machines** with **MongoDB Atlas** and ensured scalable backend services.

Blood Bank with Azure Integration | *HTML5, JavaScript, React.js, Node.js, MongoDB, Azure*
- · Developed and deployed a cloud-based platform on **Azure** to connect blood donors and recipients.
- · Implemented CI/CD pipelines using Git and Jenkins, reducing deployment time by 40%.
- · Containerized services using **Docker** and orchestrated deployments with **Azure Kubernetes Service (AKS)**.
- · Followed Azure security best practices, including **Azure RBAC** for role-based access and secure storage configurations.

Technical Skills

Cloud Platforms: Microsoft Azure, AWS, Google Cloud Platform
Languages: Python, JavaScript, HTML5, CSS, C++, Java
Infrastructure as Code (Iac): Terraform
Tools: Git, Docker, Postman, AWS EC2, Kubernetes
Continuous Intergration/ Continuous Deployment: CI/CD Pipelines, GitHub Actions, GitLab CI, Jenkins
Framework & Database: React.js, React Native, Node.js, MongoDB, SQL, Express.js, Spring Boot
Course work: Object-Oriented Programming, DBMS, Operating Systems, Data Structures and Algorithms
ARM Templates, Agile Methodolgy

Certifications

Java Full Stack Developer; IAMNEO 🔗
Google Cloud Computing: Foundations 🔗
Microsoft Azure Fundamentals AZ-900 🔗
Microsoft Azure Fundamentals AZ-104 🔗