Naga Srinath

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# Skills Summary

* **Languages**: Python, Kotlin
* **Frameworks**: HTML and CSS, Fast API, Flask
* **Tools/Platforms**: Linux, GitHub, Docker, MariaDB, NGINX, Ansible, Postman, Git, Vim
* **Soft Skills**: Problem-Solving Skills, Team Player, Project Management, Adaptability

# Internship

**Nucon – Aerospace Manufacturing Company** June 2024 – December 2024

### IOT Intern

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**About**: Developed a prototype for an endurance testing system integrating IoT technology. Utilized Python for programming and system integration to monitor and analyze performance metrics. Conducted performance evaluations and troubleshooting to refine the prototype. Collaborated with a team to design and implement testing protocols, ensuring system reliability and data accuracy.

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**Tech stacks used**: Python · Raspberry PI

# projects

#### yoUMS – Client Application for UMS: Since January 2025

Developed a comprehensive Android application for the University Management System (UMS) using Kotlin and Android. Implemented Material Design 3 principles to enhance user experience and interface aesthetics. Utilized Retrofit for seamless API integration, ensuring efficient data retrieval and management. Designed and developed the backend using Python FastAPI, optimizing performance and scalability. Successfully hosted the backend on Microsoft Azure, ensuring high availability and reliability.

Tech: Kotlin, Android Studio, Material Design 3, Azure

#### Docufind – Identifying Personal Data in Documents: August 2024 – December 2024

Developed a RESTful API using Python and Flask, enabling efficient identification of personal data in documents. Containerized the application with Docker for seamless distribution and deployment. Utilized Cloudflare Tunnels to securely expose the API to the public, ensuring reliable access.

Tech: Python, Docker, AWS

#### EasyServe – Docker Container for Online File Sharing: June 2024 – October 2024

Created an easy-to-use Docker container for online file sharing, designed for quick setup and customization with various color options. Containerized the application to facilitate straightforward distribution and deployment, making it accessible for users without complex software requirements. Developed a responsive web interface that adapts to various devices, ensuring a seamless user experience across desktops, tablets, and smartphones.

Tech: Docker, CSS

# Achievements

#### Selected as part of a top 10 teams in the Smart India Hackathon: October 2024

Among 200+ teams at University Level

# certifications

## Redhat Certified System Administrator December 2024

* Cloud Computing Certification October 2023
* Android App Development Certification November 2023

# Education

**Lovely Professional University** Phagwara, Punjab

### Bachelor of Technology - Computer Science and Engineering; CGPA: 7.15 Since August 2022

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***Favorite Courses:*** *Object Oriented Programming, Data Structures, Analysis of Algorithms, Penetration Testing*

**Sri Gayatri Junior College** Hyderabad, Telangana

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### Intermediate; Percentage: 97% April 2020 - March 2022

***Courses:*** *Physics, Chemistry, Mathematics*

**Viswasanthi EM High School** Bhattiprolu, Andhra Pradesh

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### Matriculation; Percentage: 90% April 2019 - March 2020