

Balasai Srikanth Ganti

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EDUCATION

- **Master of science, Computer Science** August 2023 - May 2025
University of Florida, Gainesville, United States **CGPA: 3.61**
Courses: Advanced Data Structures, Computer Graphics, Distributed Operating Systems, Human Computer Interaction, Intro to Cryptology, Computer Networks, Intro to Data Science, Data Engineering, Engineering Leadership
- **Bachelor of Technology in Electronics and Communication Engineering** June 2016 - June 2020
GITAM Deemed to be University, Hyderabad, India **CGPA: 8.41**
Courses: Introduction to Java, Programming with C, Object Oriented Programming with C++, Digital Logic Design, Microprocessor and Interfacing, Engineering Mathematics, Computational Methods in ECE.

TECHNICAL SKILLS

Languages: Python, C++, Java, JavaScript, F#, OpenGL | *Databases:* MySQL, ELK, MongoDB, Elasticsearch, Kibana
Web Technologies: HTML, Figma, CSS | *Other Skills:* Adobe Photoshop, Adobe Illustrator

WORK EXPERIENCE

Project Engineer September 2020 – March 2023
Wipro Ltd, Hyderabad, India

EasyJet TOPS Product team [Apache Camel, Java Spring suit, MySQL, ELK, Linux]

- Developed, created, and track solutions to more than 50 application errors and defects reported using Java, SQL, Gradle tool, establishing API endpoint connections, and Spring Implementation.
- Collaborated with Dev and Infra team, covering 14 tools and 9 modules in project to improve business processes by conducting training sessions on module inter reliability and checking business feature validations.
- Modified the module to migrate from SVN repository to GIT repository and integrated azure pipelines to enhance reliability.
- Alleviated message transmission process by implementing a route definition this decreased the message transfer time by 50% which is crucial in airlines domain.

Implant Trainee June 2019

Indian Space Research Organization/ISTRAC, Bangalore, India

- Conducted telemetry tracking operations, spacecraft operations, and flight dynamics analysis, supporting scheduling and communication networks.
- Analyzed the functioning of the Bangalore Ground Station, Indian Deep Space Network (IDSN), including storage facilities and India's largest satellite antennas (32m and 18m deep space antennas), while assisting with the live tracking of the Mars Orbiter Mission.

Campaigns Content Volunteer Dec 2021 – June 2023

Make A Difference, Hyderabad, India

- As an active member of campaigns volunteer created over 100 educational designs for social media posts and course materials, ensuring diversity and inclusivity in all visuals to engage underprivileged kids.

PROJECTS

3D Gator Habitat mapping – Computer Graphics [OpenGL, C++] November 2023 - December 2023

- Developed a 3D graphics rendering application using OpenGL, emphasizing parallax and normal mapping for realistic textures and light interactions, with features for real-time object manipulation and in-depth exploration of advanced 3D graphics principles.

Library Management system using RedBlack trees & Binary Heap [Python] September 2023 - November 2023

- Developed a robust and efficient server application in F# for real-time client-server interactions, concurrent request handling, arithmetic command interpretation, exception handling, and graceful termination, demonstrating expertise in distributed systems and communication

Unity Game – Super Kung-Fu Kitty | Link: https://simmer.io/@pineapple_MS/super-kung-fu-kitty April 2020 - May 2020

- A Platformer game in the likes of space invaders. Implemented using C# in Unity and deployed to simmer.io