

Jagankrishna Nallasingu

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PROFILE

A dedicated Software Engineer and Full Stack Developer skilled in designing and implementing comprehensive web solutions from front-end to back-end. Equipped with extensive knowledge in data analytics and machine learning, eager to leverage this expertise to craft innovative and data-driven applications that push the boundaries of technology.

EDUCATION

International Institute of Information Technology, Hyderabad

B.Tech in Computer Science & Engineering (CGPA: 6.13/10.0)

Gachibowli, TG

2022 - Present

Courses: Operating Systems & Networks, Data Structures & Algorithms, Software Systems, Embedded Systems, Data Visualization Computer Architecture, Brain and Cognition, Internet of Things(IOT), Information- Security, Data & Applications, Machine & Data Learning.

Rajiv Gandhi University of Knowledge and Technology

Intermediate: Pre University Course (CGPA: 9.08/10.0)

R.K.Valley, AP

2020 - 2022

Courses: Maths, Physics, Chemistry

Z.P.H.School ChinnaChepali

10th: SSC - Andhra Pradesh - (CGPA: 10.0/10.0)

Kadapa, AP

2019 - 2020

PROJECTS

BloodLytics

[Source Code](#) - [Link to Demo](#)

Created a project of visualizations , "BloodLytics: Visualizing Blood Donation Statistics,". The visualizations, created with D3.js, provided interactive insights into donation patterns, enhancing my data visualization skills and highlighting key public health challenges.

Inventory Model: For Cost Optimization

[Link to Doc](#)

Created a Inventory model for the startup [Club Artizen](#), a handicrafts startup, faces inefficiencies in manual forecasting and cost optimization. We Utilized ML models like SARIMA and polynomial curve fitting to forecast inventory needs. Also created a Web App for the client to use and test the model.

Audio-Fuse

[Source Code](#) - [Link to Demo](#)

Created a frontend application called "Audio Fuse" to showcase music albums. Created a responsive and user-friendly interface. Key features included dynamic album displays, search functionality, and interactive play buttons.

Some other Projects

Smart Home by using the sensors in Embedded Systems, Load Management system in IoT, Shell, Network File System, Advanced XV6 operating System. [Please look into my Github :\)](#)

SKILLS

Languages:	Python, C, C++, JavaScript, Bash	Communication:
Frontend:	HTML, CSS, Bootstrap, React	English, Telugu, Hindi
Backend:	Flask, Node.Js, Djang, Express.js	Hobbies:
Databases:	MySQL, MongoDB, SQLite	Hackathons, Coding Contests
Frameworks & Tools:	Git & Github, VsCode, Docs & Notion, Latex	Enjoying Music & films

WORK EXPERIENCE & ACHIEVEMENTS

Campus Ambassador: Ecell IIT-G	Dec 2023 - Jan 2024
Worked as a Campus Ambassador for E-Cell, IIT Guwahati Remote, Assam, India. Ranked in Top 15 out of 300 Ambassadors. Proudly represented UDGAM - 24. Enhanced brand visibility and fostered student engagement through creative approaches.	
Social Media Team: Felicity-23, IIIT-H	Dec 2022 - June 2023
Worked as a Key Role in Felicity 2023. By promoting IIIT-H Felicity-23, effectively engaging audiences.Collaborated with a dynamic team to enhance digital marketing skills and execute promotional strategies.	
Reliance Foundation Undergraduate Scholar - 23	Aug 2023 - Present
Awarded the prestigious Reliance Foundation Undergraduate Scholarship for outstanding performance.	