

Jyotsna Jahanavi Devi K

CONTACT

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EDUCATION

Bachelor of Technology in

Electronics and Communication Engineering

BVRIT HYDERABAD College of Engineering for Women

Dec 2021-present | Hyderabad, India.

Higher Secondary School Certificate(12th)

Narayana Junior College

2019-2021 | Hyderabad, India.

Percentage : 95.4%

Secondary School Certificate(10th)

Naive High School

May 2019 | Hyderabad, India.

GPA : 9.2

SKILLS

- C/C++
- Python
- Java
- Data Structures
- Algorithms
- Machine learning/Deep learning
- MERN stack
- Object-Oriented Programming
- AWS
- HTML, CSS

LINKS

Linkedin

www.linkedin.com/in/Jyotsna-k-157382230

Github

<https://github.com/JyotsnaJahanaviDevi>

PROFILE

Dedicated, ambitious and innovative engineering professional with a strong background in electronics, computers and programming. My uncanny interest in coding and passion to brush up my knowledge motivates me. Seeking opportunities to learn and improve.

PROJECTS

- Real-time chat application - The real-time chat application is built on Node.js and utilizes raw WebSockets, allowing users to create or join rooms, send messages, and upvote content. Notably, messages garnering three or more upvotes and a total of nine or more votes are prioritized and showcased in two distinct sections.
- Fraud detection in online payment - developed a fraud detection system using Python's libraries to swiftly detect fraudulent transactions in real-time. By analyzing transaction data, this system provides a reliable shield against fraudulent activities in online payments, continually adapting to evolving patterns for enhanced security and accuracy.
- Mosaic browsing - Developed an efficient program to locate motifs within mosaics. Given motif and mosaic inputs, identify matches, sort results, and present top-left coordinates for further analysis and exploration.

CERTIFICATIONS

Walmart USA Advanced Software Engineering Virtual Experience Program on Forage - January 2024

- Completed the Advanced Software Engineering Job Simulation where I solved difficult technical projects for a variety of teams at Walmart.
- Developed a novel version of a heap data structure in Java for Walmart's shipping department, showcasing strong problem-solving and algorithmic skills.
- Designed a UML class diagram for a data processor, considering different operating modes and database connections.

- Created an entity relationship diagram to design a new database accounting for all requirements provided by Walmart's pet department.

Cognizant Artificial Intelligence Job Simulation on Forage - January 2024

- metrics for the Machine Learning engineering Completed a job simulation focused on AI for Cognizant's Data Science team.
- Conducted exploratory data analysis using Python and Google Colab for one of Cognizant's technology-led clients, Gala Groceries.
- Prepare a Python module that contains code to train a model and output the performance team.
- Communicated findings and analysis in the form of a PowerPoint slide to present the results back to the business.

AWARDS/ACHIEVEMENTS

- All India Women Only Hackathon – 2023 Finalist – 15/1030 | Aug 2023.
- 3rd prize in "PROCREATE" – Hackathon conducted by BVRIT HYDERABAD(Medhanvesh) | Feb 2023.
- 1st prize in Science fair - Conducted by Naive High School | 2021.

ROLES AND RESPONSIBILITIES

- Volunteered with the marketing team at TEDxBVRITHyderabad which underscores my proficiency in Communication, Leadership and Marketing. | Dec 2023.

EXTRA-CURRICULARS

- Member of IEEE.
- Cohort of Women in Software Engineering (WISE) cohort provided by TalentSprint.
- Member of Assistive Technology Lab (ATL) at BVRITH.
- Google Women Techmakers member.

HOBBIES

- Photography.
- Video Editing.
- Writing.
- Painting.

