

Jyotsna Jahanavi Devi K

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EDUCATION

BVRIT HYDERABAD College of Engineering for Women

Bachelor of Technology

Major in Electronics and Communication Engineering

Relevant Coursework: Digital System Design, Microprocessors & Microcontrollers, Digital Image Processing, VLSI

Hyderabad, TS

Expected Aug 2025

NARAYANA JUNIOR COLLEGE

Higher Secondary School

Mathematics, Physics and Chemistry - (954/1000)

Hyderabad, TS

Jul 2019 - Jul 2021

PROJECTS

MOSAIC BROWSING | [Project Link](#)

Aug 2022

- Found all the occurrences of motifs in a mosaic using Python and Tkinter

ONLINE PAYMENT FRAUD DETECTION | [Project Link](#)

Jul 2023

- Trained models like Logistic Regression, XGBClassifier, SVC, RandomForestClassifier, Applied data visualization techniques and Detected fraudulent transactions in online payments using Machine Learning

SPOTIFY ANALYSIS DASHBOARD | [Project Link](#)

Apr 2024

- Analyzed "Top Songs of Spotify" between 2010-2022 by creating a report that explores different data relations which can be formed from the given dataset using PowerBI tools and Python

PATHFINDING VISUALIZER | [Project Link](#)

Oct 2024

- Designed a web application to visualize pathfinding algorithms using Python, basics of HTML, CSS and Javascript

ACTIVITIES

TEDxBVRITHYDERABAD

Marketing Volunteer

- Organized and advertised the event with 200+ participants

Hyderabad, TS

Dec 2024

Women In Software Engineering by Talentsprint

Cohort Member

- Worked on Python and Machine Learning projects as part of the program

Hyderabad, TS

Aug 2021 – Aug 2024

SKILLS

Programming Languages: C/C++, Python, Java, SQL

Database Technologies: DBMS, Oracle, MongoDB, SQL, NoSQL

Web & Application Development: HTML, CSS, REST APIs

Frameworks: Flask, Django, ReactJS, Node.js, Flutter, Next.js

Cloud Platforms: AWS, Azure, GCP

Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, PyTorch

Tools: Git, PowerPoint, Excel, Tableau, Power BI

Machine Learning & Data Science: Machine Learning, Data Analysis, Data Visualization, Model Building & Evaluation

AWARDS & ACHIEVEMENTS

Awards: Runner up(3rd)-Medhanvash TechFest National Hackathon'23; Finalist(Top 15)-All India Women only Hackathon'23.