

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

Hyderabad, India

Nov 2021 – Aug 2025

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

WORK EXPERIENCE

SWECHA FOUNDATION (Summer of AI Program)

Remote

AI Intern

May 2024 – Jun 2024

- Built a Telugu Language Model (LLM) and Text-to-Speech (TTS) system.
- Applied Python and NLP techniques for processing Telugu text.
- Collaborated with mentors from IIT Hyderabad and industry experts.

PROJECTS

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

SKILLS

Programming Languages: C/C++, Java, Javascript, SQL; **Database Technologies:** DBMS, Oracle, MongoDB, SQL; **Web 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; **System & Networking:** TCP/IP, DNS, DHCP, HTTP/HTTPS, Network Devices, Common Protocols; **Operating Systems:** Linux/Unix, Windows Server/Client; **Scripting:** Python, PowerShell;

ACTIVITIES

TEDxBVRITHYDERABAD

Hyderabad, India

Marketing Volunteer

Dec 2024

- Organized and advertised the event with 200+ participants

Women In Software Engineering by Talentsprint

Hyderabad, India

Cohort Member

Aug 2021 – Aug 2024

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

AWARDS & ACHIEVEMENTS

- Finalist(Top 15)-All India Women only Hackathon'23
- Runner up(3rd)-Medhanvesh TechFest National Hackathon'23

CERTIFICATIONS

[Python for Data Science | IBM](#) | [Cloud Development with HTML, CSS, JS | IBM](#) | [Data Science Tools | IBM](#) | [Cloud Applications with Node.js and React | IBM](#)