Bhavika Jetwani
(Hard-working, Goal-oriented, Focused)
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Career Objective

I am currently in my final year of pursuing a B.Tech. degree in Computer Science Engineering, focusing on Cloud Computing and Virtualization Technology, with a minor in DevOps and UI/UX Design. My primary interest lies in web development, and I am eager to explore various opportunities to enhance my skill set. As a dedicated enthusiast of cloud and DevOps technologies, I am actively expanding my knowledge in this area. I am passionate about contributing towards projects that drive solutions for real-world problems and am an active open-source contributor.

Academic Details

Year(s)	Qualification – Degree	Board/University	Percentage / CGPA
2021-2025	B. Tech Hons. in Computer Science Engineering- Specialization in CCVT	UPES	8.05/10 (*Till end of Vth semester)
2020-2021	XII	CBSE	93 %
2018-2019	X	CBSE	92 %
Subject Electives	Cloud Computing and Virtualization Technology, DevOps		
Technical Proficiency / Skills	Python, Java, JavaSript, React.js, HTML, CSS, AWS, SpringBoot		

Summer Internship

Technology Summer Intern at Barclays Bank PLC **Jun 2024 – Jul 2024**

Description:

- Created Junit test cases for a Springboot Project using Mockito
- Created a Jenkins pipleline to automate code to run a job every month and generate CSV files for Analytics
- Learning and Development – API End-to-end testing using Akana.
- Converted an existing JS UI to React.js

IndoVision Services **Jun 2023 - Jul 2023**

Description:

- Created Figma designs for a Ticket Management System project
- Developed a design layout for Zabbix Software using Figma and subsequently implemented the front-end using HTML, CSS, and JavaScript.

Projects (Major / Minor)

Minor Project – Physics Engine for Python **January 2024 – May 2024**

- Developed a custom physics engine in Python featuring concepts like gravity, collision detection, and friction.
- Utilized PyGame to test and demonstrate the physics concepts in action within various projects.
- Provided standalone files without external library dependencies, allowing developers to easily integrate and learn physics concepts while building games in Python.

Minor Project – Underwater Random Encounter Model (REM) **August 2023- November 2023**

- Conducting research on Underwater REM
- Exploring the appropriate set of equations for calculating the population density of aquatic species underwater
- Formulating an algorithm for Underwater REM

Movie Recommendation System **August 2023- November 2023**

- A content-based movie recommendation system built using python.
- It will ask the user their favorite movie and suggest the user a list of similar movies that the user might like to watch.

Tech Stack : Python, streamlit, Jupyter

GitHub Link: https://github.com/bhavika2502/CPT-Proj

Accomplishment And Recognition

- Completed Developing on Cloud with AWS under CloudThat(2024)
- AWS Certified Developer – Associate
- AWS Academy Graduate Certifications : Cloud Security Foundations, Microservices and CI/CD Pipeline Builder, Cloud Architecting, Cloud Operations, Introduction to Cloud, Cloud Developing
- Lead Student Developer at OPEN Community (2023-24)
- Website Lead(2022-2023) at UPES OPEN Community, developed and managed community website, built entirely in React. (https://upes-open.org/) (2022-23)
- Conducted an offline workshop on Web Development (HTML & CSS) during the Technova event hosted by GDSC. (February 2023)
- Technical Core Committee Member at UPES CSA Student Chapter (2022-23)
- Core Member at UPES Google Developers Students Club (2022-23)
- Level 1 Hacktoberfest Contributor (October 2022)
- Member – ACM Student Chapter (2021-22)
- Awarded Gold Medal for 9 consecutive years of Academic Excellence – DPS Gurgaon (2021)
- School Sports Captain(2020-21)
- Cleared A2 level in German Language with a score of 93/100 from Goethe Institute affiliated with the German Embassy (2019)