Anushka Jadhav

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SUMMARY

I am a motivated Software Developer and BTech student in Computer Engineering with a strong foundation in Python for backend development and HTML, CSS, and JavaScript for frontend work. I have hands-on experience using various Python libraries like Selenium, Numpy, and Pandas, and I'm comfortable integrating APIs. Currently, I'm diving into React, aiming to become a full-stack developer. I'm passionate about leveraging technology to create impactful solutions and enjoy collaborating on projects that challenge me to grow my skills.

EDUCATION

Sardar Patel Institute of Technology — Mumbai, India
B.Tech in Computer Engineering, CGPA: 7.712 — *Aug 2022 – Present*

Shri T.P. Bhatia College of Science — Mumbai, India
HSC Grade 12 - 73.67% — *Passed Out: 2022*

Kid's Land High School — Mumbai, India
SSC Grade 10 - 95.64% — *Passed Out: 2020*

PROJECTS

Blog Website with User Authentication & Content Management | *Flask, SQLite, WTForms, Bootstrap* — 2024
- Developed a Flask-based blog website with secure user authentication and dynamic content interaction.
- Implemented blog display with restricted commenting functionality for authenticated users.
- Enabled role-based access for content creation and management.
- Created a contact page with email-sending functionality for real-time communication.

Plane Crash Search using Bayesian Search Theory | *HTML, CSS, LeafletJS, Bayesian Theory* — 2024
- Built a plane crash search simulation using Bayesian Search Theory, A* Search Algorithm, and Kernel Density Estimation.
- Integrated Django backend, LeafletJS for geospatial visualization, Selenium for automated data retrieval, and Meteomatics API to access wind and ocean wave velocities.
- Conducted exploratory data analysis using Seaborn and Matplotlib.

Fashion Recommender System (SE Hackathon Top 12) | *ResNet, Collaborative Filtering, Django* — 2024
- Developed a fashion recommender system using ResNet and collaborative filtering.
- Integrated Gemini API for real-time image comparison.

GUI-based Mini Games Developer | *Python* — 2023
- Developed a variety of engaging mini-games such as Hangman, Blackjack, and a General Knowledge Quiz.
- Created interactive games using Python GUI libraries, including Snake Game and Pomodoro Timer.

Car Rental System Developer | *HTML, MySQL, FastAPI* — 2023
- Designed and implemented a car rental system with a user-friendly interface.
- Managed customer data proficiently using MySQL.

TECHNICAL SKILLS

Languages: C, C++, Java, Python
Web Technologies: HTML, CSS, JavaScript, Flask
Databases: MySQL, SQLAlchemy
Python Libraries: Numpy, Pandas, Matplotlib, Turtle, Tkinter, Selenium
Tools: Git, GitHub, Postman
UI Tools: Figma, Justinmind, Canva

CERTIFICATIONS

Topper in Developing Soft Skills and Personality course by Prof. T. Ravichandran	NPTEL, 2024
Completing 100 Days of Code: The Complete Python Pro Bootcamp by Angela Yu	Udemy, 2024
Participation Phase 2 of the Hacker-Ramp WeForShe	Myntra Designs Pvt. Ltd, 2024
Topper in Enhancing Soft Skills and Personality course by Prof. T. Ravichandran	NPTEL, 2024
Certificate for securing a position among TOP 12 teams in SE Hackathon by SPIT	2024

VOLUNTEER WORK

Dedicated a day to volunteer at a local orphanage, organized and distributed goodies to enhance their experience and actively engaged with the children to create art pieces for creative expression.