PATAN SUFIYA

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Summary

Computer Science Engineering graduate with a strong foundation in programming and problem-solving. Experienced in Python and web fundamentals, with the ability to work effectively in collaborative, team-driven environments. Committed to continuous learning and delivering reliable, high-quality technical solutions.

Technical Skills

Languages: Python, SQL, HTML, CSS, JavaScript
Developer Tools: GitHub, VS Code, Jupyter Notebook
Databases: MySQL
Soft Skills: Collaboration, Teamwork, Adaptability, Communication

Education

Geethanjali Institute of Science & Technology   **2022 – 2026**
B.Tech, Department of CSE (AI & ML)   *Nellore, Andhra Pradesh*

Sri Chaitanya Junior College   **2020 – 2022**
Intermediate, MPC   *Nellore, Andhra Pradesh*

Experience

ExcelR   **May 2025 – July 2025**
Python Intern (Remote)
− Built a strong foundation in Python programming by implementing programs using control flow, functions, and file handling concepts.
− Practiced debugging and logical problem-solving through structured coding assignments and hands-on tasks.
− Gained familiarity with industry-style coding practices and version control basics while completing internship exercises.

Web Development Intern   **Oct 2025 – Present**
voltsphere (Remote)
− Gained hands-on experience in frontend development by building responsive web pages using HTML, CSS, and JavaScript fundamentals.
− Developed a strong understanding of UI/UX principles by converting design mockups into functional layouts and improving user navigation.
− Learned industry-standard workflows for code optimization and debugging, contributing to more efficient and faster-loading web applications.

Projects

IoT Device Classification using Deep Learning   **Jan 2025**
− Developed a Deep Learning model to automatically identify and classify IoT devices based on network traffic patterns.
− Leveraged Python and neural network architectures to process complex datasets, achieving high accuracy in device recognition.
− Gained hands-on experience in data preprocessing, feature engineering, and evaluating model performance for real-time applications.

Community Service Project   **June – Aug 2024**
− Conducted a comprehensive field survey to investigate socio-economic factors driving migration for employment opportunities.
− Systematically collected and analyzed primary data to map migration trends and identify key destination hubs.
− Developed a detailed report presenting actionable insights on labor mobility and its impact on native communities.

Certifications

- Introduction to Soft Skills – TCS iON (May 2024): Developed professional communication, time management, and corporate etiquette.

- Python – GeeksforGeeks: Mastered core programming concepts, data structures, and algorithmic logic through hands-on coding.

- Google AI Essentials – Google (Dec 2024): Gained proficiency in generative AI tools, prompt engineering, and ethical AI practices.