Preethi Anselin J

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PROFESSIONAL SUMMARY

Detail-oriented Data Engineer experienced in building and maintaining scalable data pipelines and architectures. Proficient in SQL, Python, and cloud platforms like AWS and Azure. Skilled at transforming raw data into actionable insights for analytics and business decisions.

EDUCATION AND CERTIFICATIONS

Bachelor of Technology – SNS College of Engineering | 2021 - 2025
Major: Artificial Intelligence and Data Science | GPA: 8.43

HSC – Ananya Vidyalaya Matriculation Hr Sec School | 2020 – 2021
Major: PCMB | Percentage: 89

CERTIFICATIONS

- **Data Analytics Job Simulation – Deloitte** | Forage | 2025
- **GenAI Powered Data Analytics Job Simulation – Tata** | Forage | 2025
- **Python – PrepInsta** | 2022
- **Design Thinking Co Practioner – IBM** | 2021

PROFESSIONAL EXPERIENCE

Assistant Executive Engineer, Forevie International Pvt Ltd | Nov 2024 – Feb 2025

- Led project planning and execution phases, delivering results 15% ahead of deadlines.
- Created engineering plans and documentation meeting ISO quality and safety standards.
- Resolved cross-functional team issues, increasing milestone completion rate by 25%.

Web Developer Intern, Senatecthinks Technologies | June 2023 – Aug 2023

- Developed responsive UIs using HTML, CSS, and JavaScript.
- Collaborated with senior developers to translate UI/UX designs into code.
- Improved website speed by 30% through code refactoring and performance tuning.

PROJECTS

Smart Parking System

- Built a parking system that uses real-time sensors to reduce space search time by 40%.
- Developed an intelligent parking solution that optimizes space usage by dynamically allocating parking slots based on real-time sensor data, reducing congestion and improving user convenience.

Spam-Slam Web App

- Developed a machine learning-based spam classifier achieving 94% accuracy.
- Created a machine learning-powered spam detection web application that classifies emails as spam or legitimate with high accuracy, enhancing email security and filtering efficiency.

Career Craftor

- Created a full stack career guidance platform serving 100+ users with resume creation and interview prep.
- Built a full stack career guidance platform enabling students to prepare for interviews, create resumes, and receive personalized recommendations. Integrated React.js frontend with backend APIs to ensure smooth and responsive user experience.

SKILLS

Python	Java	JavaScript	React	Data Analytics	Node.js
ML Concepts	Git	Data Visualization	Agile	Team Collaboration	Communication

ACHIEVEMENTS

Publications:
- **Spam-Slam:** A Machine Learning approach for Spam Detection.
- Published in IJSREM, 2024.
- **Career Craftor:** AI-based Career Guidance System.
- Published in IJSREM, 2025.

Conducted workshops on MIT App Inventor, training 50+ students.

Shared technical articles on LinkedIn on AI and programming trends.