Poorani B

IT Professional

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EDUCATION

St. Joseph's Institute of Technology   *2021 - 2025*

- Bachelors in Information Technology - *9.032* CGPA

D A V Matric. Hr. Sec. School

- HSC   -   *89.80%*
- SSLC -   *91.99%*

EXPERIENCE

Cognifyz Technologies - UI/UX Intern   *Jan 6 - Feb 7,2025*

- Completed 8 comprehensive tasks covering all levels of UI/UX design, including landing pages, navigation bars, forms, icons, and micro interactions.
- Gained hands-on experience in user-centered design principles, visual hierarchy, and interactive prototyping using industry-standard tools like Figma.

ITC Cloud Tech - Cloud Intern   *June 1 - July 30, 2024*

- Deployed a WordPress website using Amazon EC2 and configured Amazon RDS for relational database management.
- Integrated EC2 and RDS to improve scalability and performance of web applications on AWS infrastructure.
- Gained hands-on experience in setting up and maintaining cloud-hosted applications with high availability.

Inayathalam Architect - Cloud Intern   *May 1 - May 30, 2023*

- Designed and deployed a static website using Amazon S3, ensuring global access and cost-effective hosting.
- Implemented secure bucket policies to protect site content and enhance data integrity.
- Acquired skills in leveraging S3 for scalable, serverless website storage and content delivery.

DDOS Solutions - Cloud Intern   *June 1 - July 30,2023*

- Deployed an E-Learning Portal and a Python web app on Amazon EC2 using PuTTY and command-line tools.
- Ensured secure access to applications through public IP mapping and basic user authentication.
- Strengthened cloud proficiency through full-cycle deployment, including server configuration and output testing.

SKILLS

Programming Languages	Python, Java, SQL
Web Technologies	HTML, CSS, JS
Tools and Technologies	AWS, Git, AI, ML, DL
Design Tools	Figma, Canva
Soft Skills	Facilitated teamwork, effective communication and collaboration.

PROJECTS

Java-based Management Systems

Crime Analysis and Reporting System

A Java-based system designed to manage and analyze crime data efficiently. Implemented features for case logging, suspect tracking, and report generation using JDBC and MySQL. Emphasized structured data access using DAO pattern and ensured modular code via layered architecture.

Hospital Management System

Built a menu-driven Java application to manage patient records, doctor availability, billing, and room allocation. Used OOP concepts, JDBC for DB interaction, and handled input validation and exceptions. Structured under packages like entity, dao, and service.

Student Information System (SIS)

Created a Java application to manage student enrollment, fee payments, course records, and reporting. Incorporated DAO and service layers for clean code structure. Integrated MySQL for persistent storage and built complex queries for administrative reporting.

Frontend Development Projects

Designed and implemented a suite of interactive web applications using HTML, CSS, and JavaScript, with a focus on responsiveness, usability, and visual design:

- E-Commerce Platform for restaurant ordering and menu browsing
- Personal Portfolio Website to showcase technical work and achievements
- To-Do List Manager with task creation, deletion, and status tracking
- Weather Dashboard with real-time API integration and data visualization

Multilingual Conversion to Braille (AWS)

Built a system using AWS SDK for Python (Boto3) to convert speech and text into Braille and audio in multiple languages. Integrated Amazon S3, Transcribe, and Translate, demonstrating skills in cloud-based NLP and accessibility solutions.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner -** Amazon Web Services (AWS)

- **Oracle Cloud Infrastructure 2024 AI Foundations Associate -** ORACLE

- **Oracle Cloud Infrastructure 2024 Foundations Associate -** ORACLE

- **Google Cloud Computing Foundations -** NPTEL

- **Cloud Computing and Distributed Systems -** NPTEL

- **Cloud Computing -** NPTEL

ROLES

TECHNOLOGICAL ADVISOR - AWS Cloud Club   *2023 - 2024*

St. Joseph's Institute of Technology

- Led the AI/ML track at AWS Student Community Day, a prestigious 2-day event hosted by the AWS Cloud Club of SJIT, overseeing a team of 20 members.
- Orchestrated sessions that drew more than 650 participants, showcasing 3 main tracks and featuring 25 speakers renowned in various AWS disciplines across academia and industry sectors.

ACHIEVEMENTS

PAPER PRESENTATION - COACONS 2025   *26 - 27 March, 2025*

SRM Institute of Science and Technnology

Presented the paper titled "*Ento-Rekognita: Identification and Classification of Forensic Entomologies using Machine Learning and AWS*" at the *Conference on Advances in Communication Networks & Systems*, organized by *SRM Institute of Science and Technology.*