Mohammed Arshad I

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Professional Summary

Enthusiastic and self-motivated Software Developer with hands-on experience in Java, Python, and Data Structures & Algorithms (DSA). Proficient in web development technologies (HTML, CSS, JavaScript) and actively growing expertise in AWS cloud services. Possess strong problem-solving skills and a passion for designing efficient, scalable, and innovative software solutions.

Education

B.E. in Electronics and Communication
Engineering Karpagam Institute of Technology,
Coimbatore, Tamil Nadu 2023-2027
CGPA: 8.15

Technical Skills

Programming: Java, Python, C
Web: HTML, CSS, JavaScript
Cloud: AWS
Tools: Git, VS Code
Soft Skills: Problem Solving, Communication, Team Leadership

Projects

MEDICINE INVENTORY MANAGEMENT SYSTEM

Developed a Medicine Inventory Management System using Java (JDBC) and MySQL to manage suppliers, medicines, stock levels, and orders. Designed a relational database schema with tables for Supplier, Medicine, Stock Level, Orders, and Order Item with proper primary and foreign keys. Implemented real-time tracking of stock and expiry dates, improving restocking efficiency and reducing expired medicines. Gained hands-on experience in JDBC integration, SQL, and full-stack application development.

Serverless Web Application on AWS

HTML | CSS | Python 3.8 | AWS Lambda | API Gateway | DynamoDB | IAM

Developed a serverless web application using AWS API Gateway, Lambda (Python 3.8), and DynamoDB, with a responsive HTML/CSS frontend. Built RESTful APIs and implemented server-side logic with Lambda for dynamic requests and data validation. Designed a scalable DynamoDB backend for secure storage of user submissions. Configured IAM roles to enforce strict access control and security. Gained hands-on experience in serverless architecture, cloud integration, and scalable application design.

Certifications

- SQL (Basic & Intermediate & Advanced) – HackerRank

- AWS Cloud Practitioner Essentials – AWS, 2024

- DBMS Course – Master the Fundamentals and Advanced Concepts - Scaler ,2025

- Object Oriented Programming in Java Course Online – Scaler,2025

- Mastering AWS Serverless: Hands-On with Core AWS Services – Udemy,2025