Zahooruddin Zohaib Mohammed

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Objective

Highly motivated and AWS-certified professional seeking a full-time position in cloud computing. Leveraging expertise in AWS services and infrastructure, along with a strong foundation in web development and programming languages, to contribute effectively to innovative cloud projects. Dedicated to continuous learning and staying abreast of emerging technologies in the rapidly evolving cloud landscape. Committed to delivering scalable, secure, and cost-effective solutions to meet organizational objectives.

Education

M.S | 2024 | NEW JERSEY INSTITUTE OF TECHNOLOGY, NEWARK, NJ

- Major: Computer Science
- GPA: 3.67/4
- Relevant coursework: Data Structures, Data Management System Design, Advanced Data Management System Design, Java Programming, , Introduction to Big data, Internet and Higher Layer Protocol, Operating System & Design, Web Systems Development, Cloud Computing.

B.E | 2022 | OSMANIA UNIVERSITY, TELANGANA, INDIA

- Major: Information Technology
- GPA: 3.17/4
- Related coursework: Data Structures, Analysis & Design of Algorithms, Database, Oop with C++ & JAVA, Python, Operating System, System Programming, Theory of Computation, Data Mining and Business Intelligence.

Skills & Awards

SKILLS

- Data Structures, HTML & CSS, Java Script, Java, Algorithm Design, Python Programming, Oracle SQL & NoSQL, Flask, Git/GitHub, Heroku.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner**
  https://www.credly.com/badges/89575fda-1d45-4fd5-9890-fc25d3bdf4bb/linked_in?t=s89cjd

PROJECTS

- **API-Driven Web Development:** Experienced developer skilled in crafting dynamic API-based projects, with a focus on the Cricbuzz API. Implemented core features like robust user authentication, role management, and secure profile handling. Designed efficient tables for seamless API data integration, ensuring accurate validation. Achieved milestones such as user registration, login/logout functionalities, and comprehensive data management pages, highlighting both API and custom entities. Proficient in handling associations, managing data changes, and executing admin-specific tasks. Resulted in a well-styled, secure, and user-friendly application.
- **AWS Spark Wine Quality Prediction Application:** Designed and implemented a wine quality prediction system leveraging PySpark on AWS, utilizing Amazon EMR for parallelized model training and Amazon S3 for data storage. Employed Docker for containerization, ensuring streamlined deployment. Provided comprehensive instructions for cluster creation, local execution, and Docker deployment. Achieved a balance between cloud scalability and local testing convenience, resulting in a robust and portable solution for wine quality prediction.
- **Multiplayer Card Game:** The project makes use of the socket paradigm and is implemented through Python.
  Essentially, it's a game with three clients and one server. where points are awarded by the server card based on the highest client card number. More of which no card of client should be repeated.

- **Rent-a-car:** Rent a car is a project which allows customers to book a cab through a website. I first had to create a UML design before implementing the database with Oracle SQL. I used html and JavaScript to create an appealing user interface, and I connected my database to my UI with the aid of phpMyAdmin.
- **Malware Classification:** I started developing a Python program that would be integrated with malware to classify discriminative feature extraction. Malware characteristics from a dataset of malware were processed through four levels for precise prediction. In comparison to GIST, SIFT, and LBP, the major goal of the deployment was to use multilayer dense SIFT and multilayer LBP.
- **Web Application Protocol:** I created an inclusive platform with java and html that allows users to access the website and view games or books according on their preferences. Built a contributing online application to serve as a portal for viewing a few hand-picked game trailers and gameplays as well as some recommended novels. Users can speak with one another through a web chat feature called "discussion," which is written by me. By using the web socket that is now available, one can chat with people who are connected to it.

Experience

INTERNSHIP | PANTECH-E-LEARNING | OCT 2021 – DEC 2021

Creating a system that can translate images into text then to voice. To enhance OCR precision through image pre-processing. The goal was to reduce unwanted distortions or improve certain image attributes that were important for further processing and analysis. Using Canny edge detection method to reduce the noise. Python-tesseract as an OCR tool to read text embedded in Images.