Rohit Shekar

Address: 210 mudfort secunderabad |mobile:+91 6304607997 |Email:Rohitshekar593@gmail.com

LinkedIn: rohit-shekar-550871192|Github: rohitshekar · GitHub

Profile

Proficient in Python, with Agile methodology experience. Skilled in Git, SQL/NoSQL databases, and basic front-end technologies. Collaborative team player with strong problem-solving abilities. Committed to continuous learning and innovation in software development.

Experience

APPRENTICE SOFTWARE ENGINNER | CGI |SEPTEMBER 2023-PRESENT

Roles and Responsibilities:

- Supported senior engineers in software development, testing, and debugging.
- Contributed to Agile team meetings and sprint planning sessions.
- Wrote clean, efficient code adhering to coding standards.
- Collaborated with cross-functional teams to deliver technical solutions.
- Engaged in self-directed learning to expand technical skills and knowledge.
- Utilized APIs for seamless integration, actively troubleshooting and debugging to ensure smooth functionality and enhance system robustness.

Education

BACHEOLOR OF SCIENCE IN COMPUTER SCIENCE, MATHS AND STAISTICS

Institute: Av college of arts science and commerce (June 2018 – November 2021)

Skills & Abilities

- Python
- Linux
- MySQL
- Pyspark
- AWS
- Machine Learning
- NumPy
- Pandas
- Git & Github

Projects

Title: Movie and Web series Recommendation System

- Developed an advanced recommendation system leveraging machine learning algorithms to personalize movie and web series suggestions based on user preferences.

- Implemented recommendation algorithms using Python and machine learning libraries (such as scikitlearn) to analyse user interactions and preferences.

- Conducted data preprocessing and feature engineering on a dataset of movies/web series, optimizing the system's recommendation accuracy tested.
- Conducted testing using selenium for recommendations.

Title: Sign Language Detector using media pipe and Deep learning

- Utilized the Media Pipe framework to develop a groundbreaking sign language detection project. Leveraging advanced machine learning models and computer vision techniques, the project aimed to interpret and recognize sign language gestures in real-time video streams. Through the implementation of Media Pipe's robust pipeline, coupled with deep learning algorithms, the project successfully captured and analysed hand movements, enabling accurate translation of sign language gestures into actionable digital or textual output. Conducted testing with use cases.

Title: AWS Three-Tier Architecture Deployment Project

- Designed and Deployed a Python Django Application in a scalable and resilient three-tier architecture on Amazon Web Services (AWS). Leveraged AWS services such as Elastic Compute Cloud (EC2) for web servers, Relational Database Service (RDS) for data storage, and Elastic Load Balancing (ELB) for traffic distribution. Implemented auto-scaling to accommodate fluctuating user demands, ensuring high availability and fault tolerance. Successfully deployed and managed the infrastructure, optimizing performance and reducing latency while adhering to security best practices and cost-efficiency. Scheduling is used to automatically Take backup in Aws s3.

Certifications

Certification: AWS Certified Cloud Practitioner
Issuing Authority: Amazon Web Services
Valid Through: [01, 2026]
Link: AWS Certified Cloud Practitioner - Credly

Certification: AWS Certified Cloud Quest Practitioner
Issuing Authority: Amazon Web Services
Link: AWS Cloud Quest: Cloud Practitioner - Credly

Certification: AWS Restart Graduate
Issuing Authority: Amazon Web Service

Achievements

- Developed and deployed a data processing script that automated manual tasks, resulting in a 50% reduction in data processing time and saving 10 hours per week for the team.
- Implemented unit tests for a critical module, achieving 95% test coverage and significantly reducing the number of bugs introduced during feature development.
- Collaborated with a team to refactor legacy code, improving code readability and reducing code complexity by 30%, leading to easier maintenance and future development.
- Received recognition from senior developers for proposing and implementing performance optimizations in a Python application, resulting in a 20% decrease in memory usage and improved application responsiveness.