

# SHAIK AFZAL HUSSAIN

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 Bengaluru, India

 Afzal Hussain

 shaikafzalhussain

## PROFESSIONAL EXPERIENCE

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### ML Data Associate , AWS BEDROCK

Amazon Web Services (AWS)

11/2024 – present | Bengaluru, India

- Directly involved in training Large Language Models (LLMs) utilizing AWS Bedrock, including experience with Amazon Q and the launch of Amazon Nova Foundation Models.
- Experienced in delivering high-quality labeled data across diverse modalities (text, speech, audio, image, video) to support responsible AI development and ensure model accuracy.
- Demonstrated ability to analyze complex data, identify error patterns, propose solutions, and contribute to improving operational processes and data quality.
- Skilled in using in-house tools and software for data labeling and demonstrated the ability to interpret and implement detailed technical instructions across various projects.

### AWS Cloud Application Developer , AWS

Rooman Technologies Pvt Ltd

02/2024 – 10/2024 | Kurnool, India

- Gained hands-on experience in designing, deploying, and managing cloud infrastructure on AWS, including services like EC2, Auto Scaling, Load Balancers, IAM, and EBS.
- Developed automation scripts to streamline operational tasks and system administration processes within the AWS environment, leading to improved efficiency.
- Demonstrated proficiency in Linux operating systems, shell scripting, databases, and data management, contributing to system maintenance and operational support.

## CERTIFICATES

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• AWS Cloud Computing Certified by Rooman Technologies Pvt Ltd 

• Python Certified by Great Learning 

## EDUCATION

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### B.Sc (Computer science)

SRI SAI KRISHNA DEGREE COLLEGE, KURNOOL

11/2021 – 04/2024 | Kurnool, India

- Awarded Best CR

## TECHNICAL SKILLS

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- **Cloud Platform :** AWS ( Amazon Web Services)
- **Cloud computing :** IaaS, PaaS, SaaS
- **AWS Services :** EC2, ELB, EBS, S3, IAM, AUTO SCALING
- **Networking :** VPC, NACL's, ROUTE53
- **Monitoring :** AWS CloudWatch, SNS, SQS
- **Database :** AWS RDS, MYSQL
- **Version Control :** Git, GitHub
- **Scripting :** Bash, Python (basic)

## PROJECTS

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### Deployed a Cloud-Based Application with 3-Tier Architecture on AWS

Developed a robust cloud-based application utilizing a 3-tier architecture on AWS, designed to deliver scalable, reliable, and high-performance solutions.

--> Scalability: Implemented Auto Scaling to handle traffic surges, resulting in a 40% increase in application capacity without manual intervention.

--> High Availability: Configured multi-AZ deployments and Auto Scaling, reducing application downtime by 50% and ensuring 99.9% uptime.

--> Security: Applied AWS Identity and Access Management (IAM) for secure access control.

### Deployed The High Availability Web Application on AWS

Deployed a high-availability web application on AWS, designed to ensure continuous operation and optimized performance.

--> Uptime and Reliability: Achieved a 99.99% uptime rate by leveraging Auto Scaling, ELB, and Multi-AZ deployments.

--> Scalability: Increased the application's capacity to handle 50% more concurrent users during peak traffic periods without manual intervention.

--> Performance Improvement: Enhanced user experience with a 45% reduction in page load times and a 30% improvement in application responsiveness.