



# Rohan Assudani

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Course	University	Year	CGPA/%
Btech in Information Technology	Ramdeobaba University	2021-25	9.69
Science	Sindhi Hindi Junior College	2019-21	94

## WORK EXPERIENCE

- AICTE EDUSKILLS | AWS Intern** [09/2023 – 11/2023]
  - Acquired hands-on experience with AWS services such as EC2, S3, RDS, and Lambda, while mastering AWS cloud computing fundamentals.
  - Contributed to the design and deployment of cloud-based solutions, emphasizing the implementation of AWS security best practices.
- STARORIGIN PRIVATE LIMITED | Full Stack Developer** [11/2023 – 02/2024]
  - Created Android applications proficiently using Kotlin, integrated Firebase for robust backend services, and implemented Retrofit for seamless integration with RESTful APIs.
  - Facilitated cross-functional collaboration and led code reviews bi-weekly, resulting in a 30% decrease in bugs and a 25% improvement in software quality and team efficiency.

## PROJECTS

- Anomaly Detection in Network**
  - Engineered a Python-based machine learning model using scikit-learn for network anomaly detection, achieving a 90% accuracy rate in anomaly identification.
  - Employed preprocessing techniques like feature scaling and dimensionality reduction, and assessed algorithms including DBSCAN and K-means clustering to optimize anomaly detection efficiency.
- E-commerce Microservices Architecture with Polyglot Persistence**
  - Designed and developed a microservices-based e-commerce system using Spring Boot, comprising three services: Inventory, Product, and Orders, with MongoDB and MySQL databases used for polyglot persistence.
  - Implemented RESTful APIs for service communication, enabling seamless data exchange between services.
  - Utilized Docker Compose to containerize and manage the microservices and databases.

## TECHNICAL SKILLS

- Programming Languages:** Java, C
- Tools & Technologies:** Docker, AWS, Kubernetes (basics)
- Framework:** SpringBoot
- Databases:** MySQL, DynamoDB
- Operating Systems:** Linux, Windows
- Other:** Computer Networks, Troubleshooting at TCP/IP Layers ,Data Structures and Algorithms, Devops

## SOFT SKILLS

- Team-oriented and self-motivated, capable of taking initiative in dynamic environments.
- Skilled in managing multiple assignments under tight deadlines with strong learning ability and communication skills.

## CERTIFICATIONS

- AWS Certified Cloud Practitioner
- NPTEL Joy of Computing Using Python
- Udemy Learn Devops