

SYED SAADUDDIN AZHAAN

Entry-Level Cloud & DevOps Support Engineer

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SUMMARY

AWS Certified Cloud Practitioner and B.E. Computer Science graduate (CGPA 8.7/10, 2026) with hands-on experience deploying and troubleshooting applications on AWS, Docker, and Kubernetes, and automating CI/CD workflows with GitHub Actions.

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, S3, Lambda, RDS, SageMaker, SES, Lex, Athena, IAM basics), hybrid cloud concepts

DevOps & Infrastructure: Docker, Kubernetes, GitHub Actions (CI/CD), Linux, Windows, Git, networking fundamentals

Scripting & Automation: Python, Bash, workflow automation, monitoring basics

Systems & Backend: REST APIs, Microservices, Node.js, Flask, MySQL, MongoDB, Redis

Languages: Python, Java, JavaScript, SQL, C, HTML, CSS

EDUCATION

B.E., Computer Science (Data Science) — Lords Institute of Engineering and Technology, Hyderabad Nov 2022 – Jun 2026

CGPA: 8.7/10 | Coursework: Data Structures & Algorithms, OOP, DBMS, SQL, Networking Basics, Machine Learning

CERTIFICATIONS

- AWS Certified Cloud Practitioner — Amazon Web Services (Sep 2026)
- Docker Foundations Professional Certificate — Docker, Inc / LinkedIn Learning (Jul 2026)
- GitHub Actions Workshop: CI/CD Pipelines — Microsoft Press (Jul 2026)
- Kubernetes: Getting Started, Cloud Native Ecosystem, Microservices, Essential Tools, Your First Project, Learning Kubernetes — LinkedIn Learning (Jul 2026)

INTERNSHIP EXPERIENCE

Machine Learning Intern — Manac Infotech, Hyderabad

Dec 2024 – Jan 2025

- Diagnosed root causes of model performance issues across 50,000+ transaction records, achieving 99% classification accuracy through systematic testing and refinement.
- Built automated data pipelines with Python and Pandas; evaluated reliability using precision, recall, and F1-score, reducing false positives by 20%.

Web Development Intern — Intern Certify, Hyderabad

Oct 2024 – Nov 2024

- Diagnosed and resolved performance bottlenecks in web applications, improving page load time by 30%.
- Collaborated using structured GitHub branching, reducing merge conflicts by 40% across 3 live client projects.

KEY PROJECTS

AWS 3-Tier Architecture Project | AWS EC2, VPC, RDS, ALB

- Designed and deployed a classic 3-tier (web, application, database) architecture on AWS with layered networking and security groups for scalability.

Social Network — Academic Portal | Next.js, Node.js, MongoDB, Redis, Docker, Kubernetes, AWS, GitHub Actions

- Deployed a full-stack app via Docker and Kubernetes on AWS supporting 400+ concurrent users, with an automated CI/CD pipeline compressing deploy time from 30 to 5 minutes.

AWS Mass Email Automation & PizzaPal (Lex Chatbot) | AWS SES, Lambda, Lex, DynamoDB, S3

- Built a serverless bulk email automation system on AWS SES/Lambda, and a Lex-powered conversational ordering chatbot integrated with backend order processing.

AWS Athena + S3 Data Analysis | AWS Athena, S3, IAM

- Built a serverless data analysis pipeline querying structured data directly in S3 using Athena, with documented setup and query workflow.

AWS SageMaker Income Classification | AWS SageMaker, S3, Python, Scikit-learn

- Trained and deployed an ML classification model on SageMaker to predict income brackets from demographic data.

ACHIEVEMENTS

- Best Use of AWS Award — Hackprix National Hackathon (₹22,000 prize) for cloud architecture and deployment strategy.
- Invited Speaker — addressed 500+ participants at a 2-day student hackathon at VBIT.
- Research Publication: "Credit Card Fraud Detection Using Random Forest And CART Algorithms" — IJLTEMAS Journal (Apr 2025).
- Participant — CBIT Hacktoberfest 2024 and Hack Prix 36-Hour Hackathon, Lords Institute (Jun 2025).
- Student Mentor — guided first-year students via the Lords Skill Connect IQAC initiative.