

Bobby Devarapu

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EDUCATION

Aditya College of Engineering and Technology

(2022 – 2026)

Bachelor of Technology in Computer Science and Engineering – CGPA: **8.33/10**

Kakinada, Andhra Pradesh

EXPERIENCE

AWS Development Intern

May 2025 – July 2025

Technical Hub Pvt. Ltd – **AWS Developer**

Surampalem, Andhra Pradesh

- Deployed and monitored AWS infrastructure (EC2, S3, IAM, CloudWatch) for 5+ applications in test environments.
- Created Python/Bash automation scripts that streamlined cloud configuration tasks by 25%.
- Monitored system metrics and streamlined performance checks, enhancing stability while lowering repetitive interventions by 15%.
- Connected backend services to cloud resources via REST APIs and tracked application-level behavior.

Generative AI Intern

June 2025 – July 2025

SmartBridge Educational Services Pvt. Ltd – **Gen AI Intern**

Remote, Andhra Pradesh

- Completed a Generative AI internship on IBM Cloud, **delivering 100%** of milestones on schedule.
- Processed and evaluated 12+ datasets to support preprocessing and improve baseline model testing accuracy by 18%.
- Constructed optimized data-preprocessing pipelines using Python, boosting stability and minimizing manual effort.

PROJECTS

Real-Time Stock Market Analytics Pipeline | AWS Cloud, Python, Kinesis

[Link](#) – (October 2025)

- Architected a serverless real-time data pipeline using Kinesis, Lambda, and DynamoDB to ingest and process events.
- Applied anomaly detection logic in Lambda with SNS alerts for price spikes and logged insights to S3.
- Configured CloudWatch dashboards that improved monitoring accuracy and cut manual data analysis time by 85%.
- Exposed processed data through REST endpoints for downstream applications and monitoring tools.

Automated Receipt Processing System | AWS S3, Textract, Lambda, SES

[Link](#) – (August 2025)

- Designed a Textract-based OCR workflow with automated ingestion and structured DynamoDB storage.
- Developed Lambda-based validation and transformation pipelines with retries and fault-tolerant execution.
- Enabled SES-based scheduled reporting, reducing manual expense tracking by 80% through end-to-end automation.

Intelligent Incident Recovery System | Python/Java, AWS Lambda, DynamoDB

[Link](#) – (December 2024)

- Engineered an automated log-classification pipeline processing 2,000+ events/day across distributed services.
- Implemented restart, cleanup, and scaling workflows that accelerated issue resolution by 80%.
- Automated incident triage and alerting workflows, improving response efficiency across distributed systems.

TECHNICAL SKILLS

Programming: Java, Python, C++, SQL

DevOps & Tools: Git, GitHub, Jenkins, Maven

Cloud: AWS (EC2, S3, Lambda, IAM, CloudWatch), GCP (Basics)

Core CS: Data Structures, Algorithms, OOP

Operating Systems: Linux (RHEL)

CERTIFICATIONS

- AWS Certified Developer – Associate
- Java IT Specialist (Pearson)
- Red Hat Certified System Administrator (RHCSA)
- Cisco CCNA v7 – Introduction to Networks

ACHIEVEMENTS

- Participated in 30+ hackathons across GFG and Unstop platforms.
- Achieved a 3-Star CodeChef rating and 1400+ LeetCode rating by solving 600+ DSA problems.
- Maintained active competitive programming profiles across [LeetCode](#), [CodeChef](#), [GFG](#), and [HackerRank](#).