

KATIKURI BHARATH KUMAR

Computer Science Graduate

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Summary

- Computer Science graduate with a strong foundation in object-oriented programming, data structures, and software engineering principles built through coursework, hands-on projects, and cloud deployment work on AWS.
- Experienced in writing Python automation scripts and debugging production-level issues, with a track record of reducing downtime and improving system reliability. Eager to contribute to scalable, enterprise-grade tech solutions at a client-facing role, while growing across the full software development lifecycle.

Work Experience

AWS Cloud Computing Intern | Internshala | Oct 2023

- Provisioned AWS test environments (EC2, S3, IAM) with least-privilege IAM policies to ensure secure, production-ready deployments.
- Environment validation scripts in Python and Bash, reducing setup errors by 25% and accelerating deployment readiness.
- Documented system architecture and runbooks to streamline onboarding and cross-team handoffs.

Project: E-Commerce Application Deployment & Testing | Academic Project |

- Deployed a scalable full-stack web application (React, Node.js, MongoDB) on AWS EC2, S3, and CloudFront, maintaining 99% uptime.
- Debugged EC2-MongoDB Atlas connectivity failures, reducing downtime by 40% and authored RCA runbooks to improve deployment reliability.
- Resolved a DNS misconfiguration causing a 2-hour outage, implementing permanent validation checks to prevent recurrence.
- Followed a structured development lifecycle from requirements gathering and design to deployment and post-release validation ensuring each phase was documented and reviewed before moving forward.

EDUCATION

SR University | Bachelor of Technology in Computer Science | 2021 - 2025

Relevant Coursework: Data Structures Algorithms, DBMS, Operating Systems, Computer Networks, OOP.

Narayana Junior College | Intermediate | 2019 - 2021

Tejaswi High School | SSC | 2019

SKILLS

Languages

Python, Java (basic), Bash, SQL

Core CS

OOP, Data Structures & Algorithms, SDLC, Debugging

Cloud & tools

AWS (EC2, S3, IAM), Git & GitHub, MySQL, MongoDB

Soft Skills

Communication, Team collaboration, Ownership & accountability