ABHIRAM GORREPATI

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OBJECTIVE

Experienced cloud engineer skilled in designing and implementing scalable AWS solutions, preserving security, and streamlining cloud infrastructure. Intently searching for Internship positions that will let me use my abilities and experience.

EDUCATION

Master of Science in Computer Science, California State University, San Bernardino   May 2025

Relevant Coursework: Machine Learning, Cloud Computing, Operating Systems, Software Engineering, Theory of Algorithms.

SKILLS

Programming Languages	Python, C,Java
Cloud Operations (AWS)	IAM, EC2, CloudWatch, Light Sail, Elastic Beanstalk, S3, EFS, RDS, DynamoDB, SQS, SNS, Route53, VPC, EBS Volumes, Edge Location, CloudFront
Tools	AWS CLI, GitLab, MS Word, PowerPoint, Excel
Databases	MySQL, DynamoDB
Operating Systems	Windows, Linux

EXPERIENCE

AWS Cloud Engineer Intern   Nov 2022 – March 2023
Signature IT Works PVT Ltd.

- Developed and implemented web applications on AWS using services like EC2, S3, and VPC.

- Used CloudWatch for monitoring AWS resources and CloudTrail for auditing.

- Contributed to troubleshooting and documentation initiatives using Linux expertise.

- Managed MySQL, Oracle, and PostgreSQL databases, automated processes using Python and Go, and integrated APIs for efficient data transfer.

PROJECTS

Mobile App Development (Cat Math)
Developed an interactive math-learning mobile app aimed at enhancing arithmetic skills for users of all ages.

Cloud Monitoring and Optimization Project   *AWS, Prometheus, CloudWatch*
Implemented real-time monitoring of cloud infrastructure using AWS CloudWatch and Prometheus.
Developed automated alerts and incident response workflows to improve system reliability.
Optimized cloud resources using cost-saving strategies, reducing operational expenses by 20

CERTIFICATIONS

- AWS Cloud Virtual Internship from EduSkills

- AWS Cloud Foundation Certificate

- AWS Services for Solution Architect Associate

LEADERSHIP COMMUNITY INVOLVEMENT

- Actively contribute to cloud communities and mentor aspiring cloud professionals.