

# ABHIRAM GORREPATI

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## OBJECTIVE

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

## EDUCATION

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**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

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**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

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**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

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**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

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- AWS Cloud Virtual Internship from EduSkills
- AWS Cloud Foundation Certificate
- AWS Services for Solution Architect Associate

## LEADERSHIP COMMUNITY INVOLVEMENT

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