

# VENKATESH G

AWS CLOUD ENGINEER

## ABOUT ME

I am an AWS Cloud Engineer with 1 year and 10 months of hands-on experience in cloud computing and web hosting deployments. My expertise lies in deploying and managing web applications on AWS, utilizing a variety of services and tools to ensure efficient and secure operations.

## CONTACT ME

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 Sathyavedu, Tirupathi - 517588

## WORK EXPERIENCE

THAAGAM FOUNDATION      March 2023 - Present

### AWS Web Hosting

Objective: Successfully deployed the Thaagam.org web application using AWS services.

Responsibilities:

Set up and configured AWS infrastructure, including EC2 instances, S3 buckets, RDS databases, and IAM roles.

Implemented best practices for security, scalability, and cost optimization.

Monitored and maintained the application to ensure high availability and performance.

Automated deployment processes using AWS CodePipeline and CodeDeploy.

Technologies Used: AWS EC2, S3, RDS, IAM, VPC, CodePipeline, CodeDeploy, CloudWatch.

### Django CRUD Application and Portfolio

Objective: Developed a Django-based web application with full CRUD functionality and a personal portfolio site.

Responsibilities:

Designed and implemented the database schema using Django ORM. Developed views and templates for creating, reading, updating, and deleting records. Integrated user authentication and authorization mechanisms.

Deployed the application on AWS, ensuring smooth and secure access. Created a personal portfolio showcasing projects and skills using Django.

Technologies Used: Python, Django, HTML, CSS, AWS EC2, Elastic Beanstalk.

## MY EDUCATION

### B.E MECHANICAL ENGINEERING - 8.24 CGPA

Anna University      2019 - 2022

### DIPLOMA IN MECHANICAL ENGINEERING - 84%

Anna University      2016 - 2019

### CLASS X - 65%

Z.P High School - Chittor      2015 - 2016

## MY EDUCATION

### AWS CLOUD ENGINEER

EduBridge, Chennai - 600045.

Cloud Infrastructure Management: Design and deploy scalable, reliable, and secure cloud infrastructure using AWS services. Monitor cloud resources and ensure optimal performance and cost-efficiency.

#### Web Application Deployment:

Deploy and manage web applications on AWS using EC2, Elastic Beanstalk, and other relevant services. Implement CI/CD pipelines for automated deployment and testing.

#### Security and Compliance:

Implement security best practices, including IAM roles, security groups, and encryption. Ensure compliance with industry standards and regulations.

#### Troubleshooting and Support:

Diagnose and resolve technical issues related to cloud infrastructure and applications. Provide support and guidance to development teams on cloud best practices.

#### Continuous Learning and Improvement:

Stay updated with the latest AWS services and features. Continuously improve skills and knowledge through training and hands-on experience.