



## VINOD KUMAR MYLAPILLI

### CLOUD ENGINEER

#### CONTACT

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#### TECHNICAL SKILLS

- Cloud Technologies:**  
Amazon Web Services (AWS)  
(IAM, VPC, EC2, S3, RDS,  
DynamoDB, Lambda, Elastic Load  
Balancer, API Gateway, WAF,  
CloudWatch, CloudFront, Route53,  
Athena, Kinesis, Glue, EKS, ECS,  
Code Pipeline etc.)  
  
Microsoft AZURE  
(Virtual Machines, Blob Storage,  
CosmosDB, Data Factory, CDN etc.)
- Infrastructure as a Code Tools:**  
AWS CloudFormation, Terraform.
- Web Development:**  
Python, MySQL, GIT, Django, Flask,  
HTML, CSS, JavaScript.
- Operating Systems:**  
Linux, Ubuntu, Windows, CentOS.
- Debugging Tools:**  
PyCharm, Visual Studio Code,  
Sublime Text, Atom.



#### CARRER OBJECTIVE

Highly skilled Cloud Engineer with a strong foundation in cloud computing and hands-on experience gained through an internship. Seeking a challenging position to contribute to the design, implementation, and management of scalable and secure cloud solutions.

#### PROFESSIONAL COURSE

**Master Certification Course in AWS & AZURE Cloud Technology.**  
IT Vedant Education Pvt. Ltd., Bangalore, India., 2023.

#### EDUCATION

**Bachelor of Technology in Mechanical Engineering.**  
G.V.P College of Engineering, Visakhapatnam, India., 2015.  
**Intermediate (+2).**  
Sri Chaitanya Junior College, Visakhapatnam, India., 2011.  
**SSC (Xth).**  
Bhasyam High School, Srikakulam, A.P, India., 2009

#### PROFESSIONAL EXPERIENCE

##### Cloud Engineer Intern.

Nirvesh Enterprises Pvt. Ltd., Hyderabad, India.

March 2023 – June 2023

- Designed and implemented a fault-tolerant multi-tiered architecture using AWS services (EC2, DynamoDB, S3, Lambda, CloudFront) for an existing web application, resulting in a 20% increase in application performance.
- Assisted in the design and implementation of real-time data streaming solutions using AWS Kinesis Data streams, Kinesis Data Firehose, Lambda, S3, DynamoDB and API Gateway.
- Developed AWS scripts using CLI, Boto3, and CloudFormation to automate interactions with AWS services. Enabled efficient data transfers, streamlined storage management, and optimized computing. Reduced manual operations by 40% for enhanced efficiency.
- Designed and implemented RESTful APIs using AWS API Gateway, facilitating seamless integration between frontend and backend systems.
- Created comprehensive project documentation, including architectural diagrams, setup instructions, and troubleshooting guides, enabling efficient knowledge transfer among team members.

##### Process Executive/Data Labelling (Contract).

Spectrum consultants India Pvt. Ltd., Bangalore, India.

August 2022 – December 2022

- Managed multiple ADAS projects, including image labelling, annotations, and quality analysis, resulting in improved productivity.
- Achieved high accuracy in annotating and labelling diverse data sets using NVIDIA Cloud, meeting quality standards.
- Collaborated effectively with data scientists, ML engineers, and project managers, ensuring smooth alignment and addressing labelling process issues.

## CERTIFICATIONS

- **AWS Certified Solution Architect Associate**  
by Amazon Web services.  
Validation Number:  
HNDYKEDCOEVEQJWW  
Jul 24, 2023 – Jul 24, 2026.
- **AWS Certified Cloud Practitioner**  
by Amazon Web services.  
Validation Number:  
HPP963ZN11QQG8  
Mar 24, 2023 – Mar 24, 2026.
- **IBM certified Python for Web Development.**  
Certificate ID Number:  
3c0887f75b8941aa9cfa79d21b9cb2  
May 20, 2023.
- **Certification in AWS Sysops, AWS Developer Associate, AZURE, Python, MySQL, by IT vedant**

## SOFT SKILLS

- Strong Communicator
- Skilled problem solver
- Highly adaptable
- Collaborative team player

## LANGUAGES

- English (Fluent)
- Telugu (Native)
- Hindi (Intermediate)

### Mechanical & Sales Engineer.

Perfect Rubber Industries LLC., Ajman, U.A.E.

March 2019 – February 2022

- Implemented data backup strategy, transferring critical manufacturing data to AWS cloud, ensuring secure storage and reducing the risk of data loss.
- Utilized MySQL for sales analysis, extracting and analysing data to identify trends, patterns, and insights.
- Collaborated with clients to understand requirements and ensure customer satisfaction.

### Jr. Mechanical Engineer.

Lokesh machines Pvt. Ltd., Hyderabad, India.

March 2017 – September 2018

- Coordinated all aspects of production, including manufacturing methods and product design.

### Production Engineer.

Amaravati Dairy Products, Hyderabad, India.

September 2015 – January 2017

- Implemented quality control measures to ensure adherence to standards and specifications, guaranteeing the production of high-quality dairy products.

## RELEVANT PROJECTS

### 1. Serverless Portfolio Site.

- Personal Portfolio Web Application deployed on AWS Cloud using a serverless architecture. Leveraging AWS Services, the application offers a fast, scalable, and cost-efficient solution.

Technologies and Tools Used:

Cloud Platform: Amazon Web Services (AWS)

Website: <https://d2cov79w7tasbr.cloudfront.net/>

### 2. Automated Cloud Deployment Pipeline using AWS DevOps Cluster.

- Implemented continuous integration and continuous deployment (CI/CD) pipelines for efficient software delivery

Technologies and Tools Used:

Cloud Platform: Amazon Web Services (AWS)

Version Control: Git, GitHub.

Programming Language: Python

### 3. Intelligent Chatbot Assistant (ICA).

- Designed and trained the chatbot using NLU (Natural Language Understanding) techniques to ensure accurate interpretation of user queries.

Technologies and Tools Used:

Cloud Platform: Amazon Web Services (AWS)

### 4. Cloud-Native Monitoring Application Development and Containerization in AWS.

- The objective was to design, develop, and deploy applications that are scalable, resilient, and portable across cloud environments, using AWS EKS (Elastic Kubernetes Service Containers) as the foundational building blocks.

Technologies and Tools Used:

Cloud Platform: Amazon Web Services (AWS)

Container Registry: Docker Hub, AWS Elastic Container Registry (ECR)

Programming Language: Python