

Shambhavi Chikkapatta

Bengaluru, 560004 • chikkapattashambhavi@gmail.com • 9845502044 www.linkedin.com/in/shambhavi-chikkapatta-25b6b3201

Professional Summary

Motivated Electrical and Electronics Engineer and Aspiring DevOps Engineer with a solid foundation in electrical systems. Skilled in AutoCAD and cloud computing, with basic knowledge of embedded systems. Proficient in problem-solving, analytical thinking, and technical troubleshooting. Eager to bring enthusiasm, adaptability, and a fresh perspective to a dynamic team.

Education

Visvesvaraya Technological University [VTU], Belgaum

Electrical and Electronics Engineer

BE, 7.46

2020

Project

Academic Project

Project: Smart Agriculture Based on IoT Technology with Safety Parameter Monitoring

Purpose: Assists farmers in getting live data (temperature, soil moisture) for efficient environment monitoring.

Benefits: Enables smart farming, increasing overall yield and product quality.

Technology:

Integrated with Arduino

Uses a breadboard mixed with various sensors

Live data feed available online via Thingspeak.com

Testing: Proven high accuracy (over 98%) in live agriculture fields.

E-Learning

Bengaluru, Karnataka

Two-Tier AWS Infrastructure with Terraform

2022 – 2023

- VPC Foundation & Security: Establishes a secure and isolated environment for applications.
- Load Balancing & High Availability: Distributes traffic across EC2 instances for optimal performance and availability.
- Auto Scaling for Efficiency: Dynamically adjusts EC2 instances based on demand, ensuring scalability and cost-effectiveness.
- Managed Databases with RDS: Simplifies deployment and management of relational databases, reducing operational overhead.
- Security & Automation with IAM and Terraform: Implements granular access controls for robust security and utilizes Terraform for scalable and automated infrastructure management.

E-Learning

Bengaluru, Karnataka

End to End CI/CD Implementation - Jenkins

2023

- Comprehensive CI/CD Setup: Implemented end-to-end pipelines in Jenkins for Java applications.
- Integrated Stages: Included build, unit testing, static code analysis, SAST, and DAST stages for quality and security assurance.
- Docker Image Creation: Automated Docker image creation for consistent deployment across environments.
- Kubernetes Deployment with Argo CD: Utilized Argo CD for Kubernetes deployment, ensuring efficient and automated application management.
- Continuous Improvement: Established a scalable process for iterative development and delivery, enhancing productivity and software quality over time.

Skills

Key Skills: C-Language, Python, DevOps, AWS

Areas of Interest:

- Auto CAD, IoT, PLC

Personality traits:

- Innovative and critical thinking
- Team work

Personal Profile

Name : Shambhavi Chikkapatta
Father's Name : Somayya Chikkapatta
DOB : 17-07-1998
Gender : Female
Nationality : Indian
Language Known : Kannada, English, Hindi and Marathi

Self-Declaration:

Here by am declaring all the above information's are correct as per my knowledge.

Shambhavi Chikkapatta