# VISHWA M

## CLOUD AND DEVOPS ENGINEER

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Aspiring Cloud & DevOps Engineer with a strong foundation in Linux, Cloud Computing, and Networking. Proficient in AWS, Docker, and Infrastructure as Code (Terraform). Passionate about automation, security, and system optimization. Eager to apply my skills in cloud deployment and DevOps workflows to contribute to a dynamic IT environment.

## SKILLS

- Technical skills: Cloud Computing, AWS (EC2, S3, IAM, RDS, VPC), Cloud Networking, Security, DevOps & Automation: Docker, Terraform, GitHub, CI/CD pipelines, TCP/IP, Subnetting, Firewalls, Routing & Switching, Redhat linux, OSI model, DNS, VPN, Load Balancer, Cloud formation, CloudWatch, HTTP, NAT, Kubernetes, Troubleshooting.
- Scripting & Programming: Python, Bash, Linux.
- Soft skills: Leadership, Versatility, Communication, Adaptability, Team Player, Research, Open-mindedness, Persistence, Problem solving, Creativity, communication, Growth mindset and Decision Making.

## EXPERIENCE

Cloud and Devops Intern – Be practicals tech solutions | August 2024 – February 2025
Project: Static Web Hosting and Virtual Private Cloud creation on AWS platform
Tech Stack: AWS, VPC, Amazon S3, EC2, Internet Gateway, NAT Gateway, CIDR, SSH, Cloud Networking and Cloud Security.

## PROJECTS

**Static Web Hosting and Virtual Private Cloud creation on AWS platform – AWS AND DEVOPS COURSE (Be-practical) | Nov 2024 – January 2025**

**Tech Stack: AWS, VPC, Amazon S3, EC2, Internet Gateway, NAT Gateway, CIDR, SSH, Cloud Networking and Cloud Security.**

Designed and implemented a secure cloud environment on AWS, integrating Virtual Private Cloud (VPC) and Amazon S3. Configured a VPC with public and private subnets (CIDR 10.0.0.0/16), an Internet Gateway, and a NAT Gateway for secure internet access. Deployed EC2 instances with controlled communication and SSH access between public and private instances. Additionally, hosted a static website on S3 by creating a bucket with public access, uploading website files, and generating a public URL for browser access. This project demonstrates expertise in AWS services, network security, and end-to-end cloud solution deployment.

**Network Troubleshooting Lab - CISCO PACKET TRACER**

Simulated network issues using Cisco Packet Tracer, resolving connectivity and firewall problems.

## CERTIFICATIONS

- AWS Cloud Practitioner Essentials – Skill Builders
- Cloud Computing + DevOps – Be Practical Tech Solutions (Aug 2024 - Present)
- Docker – Simplilearn
- IP Addressing & Subnetting – Udemy

## EDUCATION

K Ramakrishnan College of Technology, Trichy | B.E. Electronics and Communication Engineering (2020 - 2024) | CGPA: 6.9

## ADDITIONAL INFORMATION

- **Languages:** English, Tamil.
- Email: (mailto:vishwavichu112003@gmail.com)
- LinkedIn: (http://www.linkedin.com/in/vishwa-muthuvel)
- GitHub: (https://github.com/Vishwa-vichu)
- Portfolio: (https://vishwa-vichu.github.io/portfolio/)

## Hobbies

- Cricket.
- Listening music.