Rohit Sonawane

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🪪 Portfolio

🎓 EDUCATION

MIT Academy of Engineering, Pune

B.Tech in Electronics and Telecommunication Engineering, **CGPA: 8.2/10**   **Nov 2020 — June 2024**

Dr. DY Patil Polythenic Akurdi, Pune

Diploma in ENTC, **Percentage: 90.18/100**   **Aug 2018 — June 2020**

🚀 PROJECTS

Spring Boot App Automated using Devoops Tool🔗   **Sep 2023 — Nov 2023**
- **CI/CD Pipeline Implementation:** Orchestrated AWS CI/CD pipeline with Jenkins, Docker, and Terraform for Spring MVC deployment.
- **Infrastructure Automation:** Leveraged Terraform for EC2 provisioning and Jenkins/Docker integration.
- **Efficient Build Processes:** Automated Maven tasks for error-free WAR generation.
- **Containerization with Docker:** Optimized resource usage, facilitating deployment.
- **Public Deployment on AWS:** Implemented secure, accessible Dockerized app deployment on EC2.

Provisioned AWS Cloud Infrastructure using Terraform 🔗   **Aug 2022 — Feb 2023**

AWS Cloud, VPC, IAM, Terraform.

- Provisioned **AWS Resources** (EC2, IAM, S3, VPC) using Terraform.
- Created Infrastructure as Code (IaC) by using Terraform to launch resources like EC2, S3, IAM, VPC.
- Utilized Terraform to manage and deploy changes to the infrastructure, ensuring consistency and reliability across environments.

💼 EXPERIENCE

Software Development Intern   **May 2023 — Present**

Crafteak Private limited   📍 Remote

- Tech stack: Python, AWS Cloud, Git, GitHub, Docker, Terraform, Problem-solving, Collaboration.
- Currently working on the "Food Recognition" project, focusing on text recognition to extract food names from user input.
- Developing an NLP-based Python application for text recognition.
- Deployed the Python application on AWS Cloud using DevOps tools.
- Utilized Docker to containerize applications for seamless deployment and scalability.
- Created AWS services, including virtual machines, using Terraform to automate infrastructure provisioning and management.
- Collaborated closely with experienced teams to gain insights into real-world project scenarios and best practices.
- Acquired hands-on experience working on diverse real-time projects, enhancing problem-solving skills and adaptability.

AWS Cloud Intern (Intern)   **June 2023 — July 2023**

HDLC Technology Private limited.   📍 Pune

- Hands-on experience in creating **AWS services** such as EC2, IAM, VPC, and S3, ensuring secure and efficient **cloud infrastructure**.
- Implemented Python scripts using the **Boto3** library to automate AWS operations, enhancing efficiency and reliability.

⚙️ SKILLS

AWS Cloud	EC2, IAM, S3, VPC, EBS,ECR, AutoScaling, Load Balancer.
DevOps Tools	Git, GitHub, Docker, CI/CD, Terraform ,Jenkins .
Technologies	Computer Networking - HTTP, HTTPS, TCP, UDP.

🏆 ACHIEVEMENTS

Runnerup on Datathon Competition 2023   **Mar 2023**
- With 3 team members, I have been runner-up at MIT College of Engineering.

1st Price in Quiz Competetion at Department level   **jan 2019**
- Awarded 1st prize by the sponsor of the Quiz competition.