

ISHAN PATIL

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Education

MIT Academy of Engineering

Bachelor of Technology in Electronics and Telecommunication **CGPA:8.44/10**

Aug. 2021 – June 2024

Pune, Maharashtra

Relevant Coursework

- Computer Networks
- Database Management
- Cloud Computing
- Machine Learning
- Cyber Security
- Data Science

Experience

Palo Alto Networks

July 2022 – September 2022

Cloud Security Analyst

Remote

- Conducted comprehensive security assessments of cloud environments, identifying vulnerabilities and recommending mitigation strategies, resulting in a 20% improvement in cloud security posture.
- Collaborated with cross-functional teams to develop and implement cloud security policies and procedures, ensuring compliance with industry standards and best practices.
- Utilized advanced cloud security tools and technologies to proactively monitor and respond to security incidents, reducing incident response times by 15%.
- Contributed to the creation of detailed documentation and reports on cloud security findings and incident responses, facilitating clear communication with stakeholders and regulatory compliance.

Projects

MountainMagicHotel | AWS Lex, AWS Lambda, Twilio, Python

September 2023

- Developed a versatile chatbot using AWS Lex and Lambda functions.
- Integrated Twilio's messaging service for SMS-based interactions.
- Demonstrated proficiency in cloud-based services for conversational interfaces.
- Leveraged AWS Lex and Twilio to enable SMS communication with the MountainMagicHotel chatbot.
- GitHub Repository: ishanpatil35/MountainMagicHotel

PymonOps | Flask, Docker, Amazon ECR, Amazon EKS, Kubernetes

August 2023

- Collaboratively developed a robust Python Monitoring Application using Flask, Docker, and Kubernetes, contributing to 80% of the backend development.
- Played an active role in creating a Python Monitoring Application that monitors CPU and memory usage on PCs, highlighting expertise in backend development.
- Demonstrated strong backend development skills, making a substantial 70% contribution to the project's success.
- GitHub Repository: ishanpatil35/PymonOps

NexDeploy | React, Django, Docker, Nginx, AWS

December 2022

- Successfully deployed a React and Django-based Notes App with a high level of efficiency, achieving an 89% CPU utilization rate.
- Utilized Docker containers and an Nginx reverse proxy for efficient hosting and accessibility.
- Demonstrated proficiency in deploying web applications on AWS, showcasing expertise in cloud-based technologies.
- GitHub Repository: ishanpatil35/NexDeploy

Technical Skills

Languages: Python, Java, SQL, Yaml

Developer Tools: VS Code, Docker, Kubernetes, Jenkins, Nginx, AWS, Azure

Technologies/Frameworks: Linux, Shell Scripting, Github, CI/CD, Ansible, Splunk, Terraform

Achievements

Open Source Contributions

October 2022 and 2023

Contributor

- Active participant in Hacktoberfest 2022 and 2023, contributing to open source projects and promoting collaboration in the developer community.
- Contributed to various GitHub repositories, enhancing functionality, fixing issues, and improving code quality.

Google Facilitator Program

July 2022

Program Completion

- Successfully completed the Google Facilitator Program, gaining valuable knowledge and skills in Google technologies and education.
- Participated in workshops and training sessions, enhancing expertise in Google tools and resources.