Shivam Patel

DevOps & Cloud Engineer - India

shivampatel887@gmail.com   linkedin.com/in/spidyshivam   github.com/spidyshivam   leetcode.com/spidyshivam

Work Experience

KR Market Solutions – Backend Intern   *Fleet Management System; Jul 2024 – Aug 2024*

- Key Skills: FastAPI, PostgreSQL, Python with 1 project completed.
- Designed and built user authentication workflows (Signin/Signup), significantly boosting security and access efficiency by 60%

Key Skills

- **Languages:** C, C++, JavaScript, Python, Bash Script, Groovy
- **Technologies:** CI-CD, VCS, Containerization, Container Orchestration, Infrastructure as Code, Cloud, Monitoring and Logging
- **Core Subjects:** Data Structures and Algorithms, DBMS, Networking
- **Developer Tools:** Git, Vim, Linux, Jenkins, Docker, Kubernetes, Ansible, MySQL, MongoDB, Terraform, Prometheus, Grafana

Education

Bachelor of Technology (CSE)   *October 2021 – Current*
 SRMS College of Engineering and Technology (AKTU), Uttar Pradesh, India

XII Grade   *April 2019 – March 2020*
 Madhavrao Scindia Public School, Bareilly, Uttar Pradesh, India

Personal Projects

- **Terraform Bastion Host** – AWS, Terraform, Elastic Beanstalk
  June 2024 – July 2024
  • Architected and deployed a secure bastion host infrastructure using Terraform, reducing deployment time by 75%.
  • Configured VPC networking, security groups, and IAM roles to enhance security posture by 90%.
  • Leveraged AWS Elastic Beanstalk for automated deployment and scaling, achieving 60% faster cycles.
- **Terraform AWS Static Website** – AWS, Terraform, Infrastructure as Code
  November 2023 – December 2024
  • Automated AWS infrastructure deployment for static websites, reducing setup time by 85%.
  • Applied security best practices with IAM roles, security groups, and SSH key management, boosting security by 90%.
  • Developed documentation and automation scripts, reducing configuration errors by 70%.
- **DevOps Automation Scripts** – Bash, System Administration
  October 2023 – November 2023
  • Developed shell scripts for system monitoring and security, cutting manual monitoring time by 65%.
  • Implemented continuous server performance monitoring with real-time stats collection, enhancing reliability by 80%.
  • Established a metrics tracking protocol for swift failure detection, improving operational visibility by 70%.

Miscellaneous

- **Certifications:** [DevOps Beginner to Advanced by Imran Teli](#)
- **Endeavors:** Self-hosted website (oneaboveall.xyz) with VPN, cloud storage & monitoring; **solved 500+ LeetCode problems**; led college fest planning (+30% participation).