

Swapnil Mohan Shelar

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GitHub — LinkedIn — HackerRank

Summary

With expertise in Power BI, Python, and foundational knowledge in networking, operating systems, and cloud platforms, I excel in creating interactive dashboards, optimizing databases, and supporting IT infrastructure. Adept at analyzing and visualizing data for actionable insights, I also bring hands-on experience with machine learning and IT system optimization.

Education

B.E. - Computer Science & Engineering	2021 – 2025
D.Y. Patil College of Engineering, Akurdi	CGPA: 8/10
12th Grade, Shri Shivaji Vidhyamandir and Junior College, Aundh	2021
Percentage: 82.50%	
10th Grade, Bhairavnath Vidyalay Khutbav, Daund	2019
Percentage: 86%	

Skills

IT Infrastructure: Networking (TCP/IP, DNS, DHCP), Linux, Windows, VMware

Cloud Platforms: AWS, Microsoft Azure

Database Management: SQL, MySQL, Database Optimization

Programming: Python, Shell Scripting

Tools: Power BI, Excel, Docker, Kubernetes

Certifications

- AWS Certified Solutions Architect - Associate (Pursuing)
- Microsoft Azure Fundamentals
- CompTIA Network+
- Career Essentials for Data Analysis by Microsoft
- SQL Certification, HackerRank

Projects

Secure Network Configuration for Small Business

- Designed and implemented a secure network topology for a small business using VLANs and firewalls.
- Configured a DHCP server to manage IP addresses efficiently.

Cloud-based Web Application Deployment

- Deployed a scalable web application on AWS using EC2, RDS, and S3.
- Automated deployment pipelines using Jenkins and Docker.

Database Optimization for High Traffic Website

- Analyzed and optimized MySQL queries, reducing query execution time by 40%.
- Implemented database indexing and partitioning for better performance.

T20 Cricket World Cup Analysis

- Created a Power BI dashboard for T20 World Cup 2022 analysis.
- Provided insights into player performance for strategic decision-making.