Siddharth Verma

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SKILLS

Cloud & Linux Infrastructure
Deployed and managed applications on AWS EC2 (Ubuntu/Linux). Hands-on experience with Linux system administration, including user and process management, storage and permissions, service management, and basic server security

Networking & Web Servers
Solid understanding of networking protocols and models. Hands-on experience debugging network issues and configuring Nginx on servers, including SSL and port forwarding.

Data Structures & Algorithms
Proficient in solving complex problems, with over 200 problems solved in 100 days

AWARDS

Competitive Programming & Debugging Awards
— Computer Association, PCACS
12/2025
Secured first place in both *PuzzleMeCode* and *Bug Hunter* event, involving rapid problem solving, algorithmic thinking, and **debugging under time constraints**.

EDUCATION

Bachelor of Science in Computer Science
Pillai college Of Arts, Commerce and Science
07/2024 — Present | Navi Mumbai, India

Higher Secondary Education
Model College (Autonomous)
06/2022 — 02/2024 | Mumbai, India

PROFESSIONAL EXPERIENCE

Freelance Cloud & Full Stack Developer
Remote | Self-Employed

- Deployed and managed production web applications on AWS/Azure/DigitalOcean, handling server setup, networking, and application hosting
- Configured Linux servers, SSH access, environment setup, and service management for reliable application operation
- Built and integrated backend APIs, set up Nginx and reverse proxies, focusing on performance, reliability, and clean deployment workflows
- Designed and deployed automated web scraping pipelines on servers using scheduled jobs (cron), scraping 30+ websites per run and ingesting thousands of product records into databases with proper logging and monitoring.
- Owned the full lifecycle from infrastructure provisioning and architecture design to deployment, monitoring, and maintenance

PROJECTS

SneakerEye ⎘
React, FastAPI
03/2025

- Built a full-stack sneaker trend-tracking web application using React for the frontend, FastAPI for the backend, and BeautifulSoup + Selenium for web scraping
- Containerized the application using Docker and deployed it on an Azure VM, setting up an Nginx reverse proxy and SSL to securely expose services.
- Managed networking and reliability aspects including port mapping, security groups, and traffic routing to ensure stable access and availability under real user load (700+ unique visits in the first week).

Dyre.in
React, Supabase, AWS

- Built and maintained a production fashion discovery platform for a real client, featuring trend ranking, category-based browsing, and an admin system for data curation and editorial control.
- Deployed and operated the application on AWS, handling server setup, secure access, traffic routing, and environment management for a live user-facing system.
- Took end-to-end ownership of a live production service, proactively debugging issues, ensuring reliability, and maintaining discipline in deployment and configuration where failures would impact real users and business operations.