Steve Yadav

New Delhi, India | stevesyadav@gmail.com | steveyadav.com | medium.com/@steveyadav

linkedin.com/in/steve-yadav | github.com/lucifer47C

SUMMARY

Cloud-focused software engineer with hands-on experience building, deploying, and operating full-stack applications on AWS and Azure. Strong interest in scalable systems, DevOps automation, and system reliability. AWS Certified Solutions Architect with a learning-driven mindset and a long-term goal of growing as a global engineer in a product-focused environment.

SKILLS

Technical: AWS, Docker, Terraform, Kubernetes, MySQL, Python, TypeScript, React, HTML, CSS, Git/GitHub, Linux

Language: Proficiency in English, Hindi

EDUCATION

University of Petroleum and Energy Studies, B.Tech in Computer Science .... 2021 – 2025
- **Coursework:** Core Computing, Cloud Computing, Cyber Security

National Institute of Technology, Kurukshetra, M.Tech in Computer Engineering ..... 2025 – Present
- **Coursework:** Core Computing, Cyber Security

INTERNSHIP

IBM, Project Intern .... June 2024 – Jul 2024
- Designed and deployed an automated disaster recovery web application on AWS.
- Used EC2, S3, RDS, and CloudWatch to ensure high availability and resilience
- Achieved fully automated recovery workflows with 0 manual intervention

DRDO .... June 2024 – Jul 2024
- Explored quantum computing fundamentals using IBM Qiskit and simulators.
- Implemented basic quantum algorithms (Shor's, Grover's) for learning purposes.

Hara Jeevan .... June 2022 – Jul 2022
- Took full management of website management and manual migration http://harajeevan.org/
- Migrated WordPress site without plugins, working directly with MySQL and server configurations.
- Involved WordPress, MySQL, HTML, CSS etc.

PROJECTS

TrackNClassify .... github
- Designed a multi-layer authentication system using QR codes and RFID, reducing unauthorized access by 80%
- Deployed and operated the system on cloud infrastructure, maintaining 99% uptime.
- Integrated IoT components for access control across multiple locations.
- Tools Used: MERN stack (MongoDB, Express.js, React, and Node.js).

FitZee .... github
- An android application for Body Mass Index (BMI) calculation, and to estimate the calorie count of their meals through image recognition.
- Responsible for 100% user interface creation using Java and XML.
- Tools Used: Android Studio, Java, XML, Firebase.

Cloud Projects
- DevOps-QR-code: A sample project to implement CI/CD pipelines, containerization, and automation workflows etc.

- Cloud Resume Challenge: The main goal is to get hands-on with some cloud technologies like Lambda, IAM etc.
- Personal Infrastructure Experiments: Built a private NAS using Raspberry Pi and OpenMediaVault.

CERTIFICATES

- AWS Certified Solutions Architect - Associate in the year 2024
- Oracle Cloud Infrastructure 2025 Certified DevOps Professional in the year 2025
- Oracle Cloud Infrastructure 2025 Certified Multicloud Architect Professional in the year 2025