

SHUBHAM PATEL

Pune, Maharashtra · +91 9879388166 · Shubham.patel.workx@gmail.com ·

[linkedin.com/in/shubham-patel-62736a223](https://www.linkedin.com/in/shubham-patel-62736a223) · github.com/Shubham-Patel07 · shubhampatel.vercel.app

SKILLS

| | |
|------------------------|---|
| Languages: | Java, JavaScript, C++, Python, HTML, CSS |
| Lib/Frameworks: | Spring Boot, Spring Cloud, Spring MVC, JUnit, Hibernate, REST API |
| Tools: | Docker, Kubernetes, Jenkins, CI/CD, Terraform, IaC |
| Platforms: | Amazon Web Services, Heroku, Vercel |
| Databases: | Oracle/MySQL, MongoDB, Cloud Databases, Redis |

OPEN SOURCE CONTRIBUTIONS & PROJECTS

OWASP Foundation (Open Source) 2024

WrongSecrets app ([Code Link](#))

- Developed Frontend UI components to enhance UX on the WrongSecrets Java spring boot Application.
- Designed a streamlined GitHub workflow for the automated execution of Kubernetes clusters reducing development time by 20 %.
- Updated Kubernetes integration test scripts to structured Cypress scripts, enhancing test reliability and maintainability.
- Conducted rigorous Backend API testing, covering payload validation, error handling, and performance.

CI/CD 2024

Jenkins Pipeline

- Designed and managed a Jenkins pipeline for a Java application, using Maven, SonarQube, Helm, and Kubernetes for build automation, code quality, and continuous delivery.
- Integrated Infrastructure as a code into the build pipeline to automate env provisioning.

E-Commerce Website 2023

3 Tier Deployment of web app ([Project Docs](#))

- Engineered Docker-based containerization for the application, increasing deployment speed by 60% and enhancing scalability to handle 3x more users without performance degradation.
- Designed AWS architecture and employed Kubernetes to orchestrate containers.
- Orchestrated a scalable cloud environment with Docker, Kubernetes, Ansible, AWS ECR, AWS EKS, facilitating seamless application updates and cutting deployment errors by 45%.

Capital Market Dashboard 2022

Dashboard on AWS QuickSight

- Enabled timely decision-making with real-time data visualization for financial market metrics.
- Integrated Kafka for high-throughput data ingestion and leveraged AWS services for processing, storage, and visualize data, enhancing overall efficiency and scalability.
- Technology Used: Kafka, AWS (MSK, S3, DynamoDB, Redshift, QuickSight), Python.

PROFESSIONAL EXPERIENCE

Nasdaq, Pune, PNQ 2024 - Present

Cloud Analyst

- Configured, deployed, and managed cloud-based applications on AWS EC2, S3, ensuring high availability and scalability across production environments.
- Developed automation scripts and operational tools using PowerShell and Batch scripting to streamline repetitive tasks, reducing manual intervention by 40%.
- Maintained and supported web-based SaaS applications in a 24x7 production environment, following best practices for uptime and security.

EDUCATION

Symbiosis Institute Of Technology, Pune, Maharashtra 2020 - 2024

Bachelor of Computer Science and Engineering