

# AMAN SHAIKH

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## EDUCATION

MIT ADT University

2018 – 2022

B.tech Computer Science and Engineering - 7.9

Pune

## WORK EXPERIENCE

Siemens

28-08-2023 – Present

Software Engineer

Pune, India

- Collaborated on **Teamcenter X**, a cloud-based Product Lifecycle Management (PLM) tool, ensuring seamless integration and automation of key features.
- Developed robust **Java automation scripts** to dynamically update environment names in batch files and automate the creation of desktop shortcuts for individual environments, improving **customer convenience by 45%** and **reducing manual setup time by 30 minutes** per environment.
- Designed and implemented an **uninstall feature** for Teamcenter X desktop integration using **InstallAnywhere**, **reducing uninstall-related support tickets by 20%**
- Streamlined end to end **CI/CD pipelines** using tools like **GitLab CI/CD** and **Terraform**, **cutting deployment time from 2 hours to 30 minutes** and ensuring consistent delivery.
- Optimized application monitoring and troubleshooting by configuring tools like **Datadog** and managing **100+ Kubernetes clusters** through **Rancher** and **ArgoCD**, and creating **runbooks** resulting in 15% fewer incidents.
- Contributed to infrastructure as code (IaC) initiatives using **Ansible** and **Terraform** to automate deployment and scaling of cloud resources on **AWS**, reducing provisioning time by 40%.
- Deployed and managed cloud resources on AWS using services like **EC2**, **S3**, **RDS**, and **CloudFormation**, reducing provisioning time by 40% and achieving high scalability for enterprise applications.
- **Developed a comprehensive automation framework using Python**, enabling end-to-end testing of applications, which reduced **developer testing time by 80%**, significantly accelerating the development lifecycle and improving efficiency.

Resilinc

10-05-2022 to 20-08-2022

Software Engineer Intern

Pune, India

- Quickly adapted to and implemented various types of testing methods, including **functional**, **regression**, and **usability testing**, **resulting in a 20% improvement** in testing efficiency.

## TECHNICAL SKILLS

Languages: Java, Python, C++, SQL

Cloud: AWS

DevOps Tools: Gitlab CI/CD, Ansible, Terraform, Docker, kubernetes, Rancher, ArgoCD, Datadog

Architecture/Frameworks: MVC, MVT, Spring Boot

## PROJECTS

E-Commerce | Java, Spring Boot, MySQL, Jpa Hibernate

- Developed an e-commerce app using **Spring Boot** and **Java**, featuring **15+ APIs** for user management, product listings, and order processing.
- The project sends the **realtime Email**, **when the order is placed**
- Integrated **JPA Hibernate** to optimize database operations, utilizing **MySQL** backend
- Created **API documentation with Swagger**, enhancing project clarity.
- Collaborated in a team to ensure timely project completion.
- Gained proficiency in Spring Boot, JPA Hibernate, and API documentation practices.

## CERTIFICATIONS

- Introduction to MySQL - Coursera
- Java
- Python- Coursera
- SQL
- AWS- Developer Associate Certificaton (Currently Ongoing preparation)