Lakshya Kumar Sirohi

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Skills Summary

Languages/OS:	Java, SQL, Gherkin, HTML, HCL (Hashicorp Configuration Language), YAML
Frameworks:	Selenium, TestNG, Cucumber, JUnit, ApachePOI, Robot, WordPress
Tools:	Postman, Git, AutoIT, Sikuli, , MySQL, Docker, Kubernetes, Terraform, AWS, GCP, VS Code, IntelliJ
Skills:	Test Scenarios & Test Cases identification & execution, Test Automation, Unit Testing, Headless Testing, Data Driven Testing, API Testing, CI/CD, DevOps
OS:	Linux, Windows

Certifications: Postman API Fundamentals Student Expert, AWS Solutions Architect - Associate

Experience

Worldline - Software Test Engineer   June 2024 – Present
Bengaluru, India
- Executed comprehensive **testing** of **SEPA payment process** by designing Test Scenarios and Test Cases achieving **85% DDE** in an agile environment
- Achieved **90% code coverage** in unit tests, bringing **more business** and trust to the off-shore unit of Worldline
- Developed strong **payment domain knowledge** (**ISO20022** standards)

Geekrabit - SWE Intern   October 2022 – April 2023
Pune, India
- Overhauled an Android app with **50k+ active users**, available on Google Play Store
- **Designed 6+ screens** in Flutter, **tested**, **integrated APIs**, and utilised version control tool **GitLab**

A.I.E.M. Club - Electronics Dept. Head   March 2022 – April 2023
VIT Bhopal, India
- Engaged in **5+ events**, guiding new club members on existing protocols
- **Administrated**, a **team of 20 students** to develop and implement event and workshop plans

Aashman Foundation (NGO) - Event Manager   April 2021 – July 2021
Haryana, India
- Orchestrated **3 online events** with **2k+ attendees**
- Awarded a **3-star performance rating** (out of 5)

Projects

Jenkins CI/CD Pipeline for Selenium Testing | *Test Automation* | (link)   February 2024 – March 2024
- Developed and automated a **CI/CD pipeline** using **Jenkins** for **Selenium tests**, reducing manual intervention by 40%.
- Leveraged **Maven** and **TestNG** for build and **test automation**, improving project efficiency by 25%.
- **Optimized pipeline stages**, achieving a 30% reduction in execution time and increasing deployment reliability by 15%.

CloudPress | *Cloud Native System* | (link)   January 2024 – February 2024
- Engineered **robust AWS architecture** with **S3** buckets, **EC2** instances, **multi-AZ RDS** MySQL database, and **CloudFront** for optimal WordPress blogging site hosting
- Empowered by Auto Scaling Group (**ASG**) and Application Load Balancer (**ALB**) to ensure **seamless performance** and **high availability** for writers and readers

GreatMe | *Automation* | (link)   March 2024 – April 2024
- Orchestrated **GitLab CI/CD pipeline** for automated **Dockerized web app** deployment on AWS EC2, from local testing to public access.
- Leveraged GitLab, Docker, Apache HTTP Server, AWS EC2

Education

Vellore Institute Of Technology (VIT), Bhopal   Madhya Pradesh, India
Bachelor of Technology, ECE (AI and Cybernetics) (CGPA 8.85)   *October 2020 – October 2024*