Prabhaw Kumar

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Professional Summary

Detail-oriented Computer Science graduate with a strong foundation in DevOps practices, Linux system administration, cloud infrastructure (AWS), CI/CD pipelines, and scripting (Bash, Python). Passionate about automating processes, enhancing system reliability, and deploying scalable cloud-native solutions. Experienced with Git, Docker, Jenkins, and infrastructure monitoring tools. Actively pursuing CCNA and expanding knowledge in software testing to enhance system reliability and deployment quality.

EDUCATION

Bachelor of Engineering in Computer Science, Chandigarh University   **2020 - 2024**
Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Database Management Systems, Computer Networks, Cloud Computing, Internet of Things, Software Testing, Computer Architecture & Organization.

SKILLS

Programming	C++, Java, JavaScript, SQL, Python
DevOps Tools	AWS, Git & GitHub, Docker, Jenkins, Kubernetes, Ansible, Terraform, Bash
OS	Linux (Ubuntu), Windows
Testing	Manual Testing, Basics of Automation Testing
Soft Skills	Problem-Solving, Critical Thinking, Teamwork, Adaptability, Time Management, Leadership

PROJECTS

Insure Me (Insurance Domain)   **Jun 2025 – Jul 2025**
- **Built & deployed** a Spring Boot microservice with in-memory H2 DB, exposing RESTful APIs for policy management, and automated builds/tests using **Maven, JUnit & TestNG.**
- **Designed CI/CD** pipeline with **Git, Jenkins, Docker, Ansible & AWS EC2** for automated code integration, deployment, and environment configuration.
- Automated post-deployment validation with **Selenium**, ensuring reliable delivery from test to production.

Testify Pro (E-Commerce Domain) | Automation Tester   **May 2025 – Jun 2025**
- Created **Selenium WebDriver** scripts in **Java** with **TestNG.**
- Designed and executed manual and automated test cases for functional and usability testing, prepared detailed test reports, and collaborated with developers to resolve defects.
- Integrated **automation** tests into **Jenkins CI/CD pipeline**.
- Performed cross-browser testing & logged defects in **Jira**.

FinanceMe (Banking Domain)   **Mar 2025 – Apr 2025**
- **Built & deployed** a Spring Boot banking microservice with **AWS RDS (MySQL), RESTful APIs**, and automated builds/tests using **Maven, JUnit & TestNG**.
- Created **CI/CD pipeline** with **Git, Jenkins, Docker, Ansible & Terraform** for automated provisioning, configuration, deployment & testing.
- Set up **Prometheus & Grafana** to monitor CPU, memory & disk usage across test & prod environments.

CERTIFICATIONS

- AWS Cloud Technical Essentials
- Google Cloud Fundamentals: Core Infrastructure
- Operating Systems: Overview, Administration, and Security
- Software Testing