

# Shubhdeep Gupta

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## CAREER OBJECTIVE

Analytical **Associate Engineer** with a strong foundation in **Java, Python, SQL, Linux (Shell Scripting), Cloud (AWS)** along with **Data Structures & Testing methods**. Demonstrated experience in Java based applications in troubleshooting complex real-time systems, **analyzing logs, automating operational tasks, and enhancing application performance**. Proven ability to collaborate cross-functionally, ensure high-quality code delivery, and uphold strong security and DevOps practices. Seeking to leverage skills & expertise in **software development and problem-solving to drive innovative and scalable technology solutions**

## WORK EXPERIENCE

**Avaya India Pvt Ltd**

**Pune, Maharashtra**

**Associate Engineer –**

**July 2024**

- Engineered and enhanced **2+ internal Java based software applications using Client-Server architecture**, collaborating with senior engineers to ensure **scalability and performance optimization** in fast-paced, high-demand environments.
- Developed and integrated **RESTful APIs** into Java-based internal applications to streamline **data exchange between services**, reducing manual intervention by 40% and improving system interoperability for 10+ enterprise clients.
- Implemented unit tests** and automated scripts, contributing to a **30% increase in code coverage** and enhancing software reliability.
- Optimized application performance by analyzing and improving code efficiency**, reducing processing time by 20% through algorithm refinements and resource optimization.
- Diagnosed and resolved complex issues in real-time systems by conducting **root-cause analysis** across **logs and scripts**, reducing incident resolution time by 25%.
- Collaborated with **cross-functional teams** on certificate management and did investigation on runtime license errors, ensuring **SLA compliance for over 15+ enterprise clients**.
- Executed in end-to-end **software testing**, wrote detailed **bug reports**, and **performed validations** against functional requirements, increasing test coverage by 15%.
- Implemented **SQL** queries to extract and validate context store data, increasing overflow detection accuracy by 30%.
- Drove Agile sprint ceremonies and **retrospective meetings**, playing a role in **reducing ticket backlogs by 22%**.

## EDUCATION

**UNIVERSITY OF PETROLEUM & ENERGY STUDIES**

**Dehradun, Uttarakhand**

**Master of Computer Application**

**June 2024**

**Major in Computer Science:** Artificial Intelligence & Machine Learning

**Relevant Coursework:** Programming, Data Structures, Monitoring Systems, SQL, Linux

**Cumulative CGPA:** 7.0 out of 10 (70% equivalent)

## UNIVERSITY PROJECTS

**Amazon Website Automation Testing (Selenium + Java):**

**April 2024**

- Designed and implemented an automated test suite for critical e-commerce flows (Search, Filter, Cart, Checkout), increasing testing efficiency by 30%.
- Reduced manual testing time by 12+ hours/week and detected 98% of UI bugs pre-release during sprint cycles.

## CERTIFICATION

- Java Programming** - Gained Practical focus on data structures & algorithms with Design, Development & testing.
- Python Course** - Built projects using Python concepts, including file handling, data structures & automation tasks.
- AWS Cloud Practitioner (In Progress):** Gaining knowledge in AWS services such as (EC2, S3, RDS, IAM,, AMI, ELB & ASG).

## Skills

- Programming & Scripting:** Java, Python, HTML, CSS, MySQL, Object Oriented Programming, Shell Scripting, Networking
- Cloud & Infrastructure:** AWS Cloud (EC2, IAM, RDS, S3), Linux (Ubuntu, RHEL), Windows Server, VMware/vCloud.
- Tools & Tech:** Git, GitHub, Postman, Jira, IntelliJ-Idea, ServiceNow, Siebel, Docker & Kubernetes (Basics DevOps)
- Methodologies:** CI/CD version control, Testing, Debugging, System Monitoring, Agile methodology