**ABHISHEK SHARMA**

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**PROFILE SUMMARY**

# Programmer Analyst with hands-on experience in performance and security testing, aspiring to transition into a development domain. Proficient in Python, Django, testing tools like JMeter and LoadRunner and a good understanding of Database concepts. Demonstrates a strong understanding of web application security (OWASP Top 10) and software development principles, with a passion for building robust and scalable applications.

# EDUCATION

B. Tech (Computer Science and Technology) 7.95 cgpa

Swami Keshvanand Institute of Technology, Jaipur2018-2022

# PROFESSIONAL EXPERIENCE

**Programmer Analyst** –*Cognizant* July 2023 – Present

* Executed comprehensive test plans and procedures to ensure the quality and functionality of the application.
* Executed comprehensive test plans and procedures, ensuring the application met quality standards and functional requirements.
* Conducted performance testing using tools like JMeter and LoadRunner to identify, troubleshoot, and resolve defects, contributing to improved application efficiency and responsiveness.
* Gained hands-on experience in Django, participating in a case study to develop and implement a   
  full-stack web application, enhancing backend functionality and understanding of web frameworks.
* Developed an SQL schema for an assessment management system that allowed teachers to efficiently manage, track, and analyze student performance data. Created tables, defined relationships, and wrote optimized SQL queries to handle complex data retrievals.
* Conducted thorough security testing on dummy websites, successfully identifying and addressing vulnerabilities such as security misconfigurations and cross-site scripting (XSS), in line with OWASP Top 10 security standards.

**Programmer Analyst Trainee (Internship)** –*Cognizant* Feb 2022 – June 2022

* Gained hands-on experience with industry-standard testing tools, including Apache JMeter and LoadRunner, to perform performance, load, and stress testing on various web applications.
* Developed and executed test scripts to simulate real-world user scenarios, ensuring robust and realistic testing environments.
* Analyzed test results to identify areas for improvement, contributing to enhanced application quality and performance optimization.
* Created comprehensive documentation, including detailed test reports and performance analysis, to support project insights and ongoing quality assurance processes.

**SKILLS**

**1. Programming and Scripting:** C++, Python, SQL, HTML/CSS, Database Management

**2. Testing Tools & Technologies:** BurpSuite, ZAP, Apache JMeter, LoadRunner, Neoload

**3. Security Testing & Vulnerability Assessment:** Proficient in using tools such as BurpSuite and ZAP for security testing, identifying vulnerabilities in web applications.

**4. Soft Skills:**

* Problem-solving skills
* Strong analytical mindset
* Collaboration and teamwork

**5. Tools & Technologies:** MS Excel, Google Colab, Jupyter Notebook

**PERSONAL PROJECTS**

* ***Django Login System:***Created a user-friendly login system in Python using Django. The application enables user registration with email confirmation for account activation, providing a secure authentication process. This project enhanced my skills in web development and user authentication systems.
* ***Stock Trend Prediction Web Application:***Developed a web application using Python and Streamlit for predicting stock trends. This project involved data analysis and visualization, allowing users to interact with machine learning models for stock price predictions.

# COURSES & CERTIFICATIONS

* Microsoft Certiﬁed: Azure Fundamentals (AZ-900) - Microsoft
* Neo Load professional certiﬁcation
* Python for Beginners - Udemy
* Web Application Security - Udemy

# HONORS & AWARDS

* Achieved a silver medal in the inter-collegiate basketball tournament, demonstrating leadership, teamwork, and strategic prowess on the court.
* Tech-Innova Club**:** Initiated and led a technical club at college for freshers, where we facilitated discussions and shared experiences on various technical topics, fostering a collaborative learning environment.