**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, and testing tools like JMeter and LoadRunner. 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.
* Attended specialized training in security testing provided by the NFT-ST Team, focusing on identifying and mitigating web vulnerabilities.
* 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.
* Proactively completed various courses related to security testing, enhancing skills in vulnerability assessment and application security best practices.

**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

**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.

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