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WORK EXPERIENCE

Engineer, Gavs Technologies Pvt Ltd, Chennai, India   **Feb 2020 – Aug 2021**
Security Developer and DevSecOps Engineer
- Developed security automations using python scripts that made use of REST API of tools like Rapid7 AppSpider, Rapid7 InsightVM
- Collaborated with Development and Ops team to build a secure application by providing Security Recommendations for API and Docker and tracking the implementation of the same
- Integrated in the SAST and DAST tools to the CI/CD pipeline
- Carried-out VAPT on the application during each release and worked with the developers to fix the issues.
- Performed periodical VAPT (both as an internal and external Penetration tester).

Application Development Associate, Accenture Solutions, Chennai, India   **Feb 2018 – Jul 2019**
Quality Analyst
- Collaborated with Business Analysts and Developers to understand the new feature to create a thorough Test Design Document
- Performed thorough Testing on the new feature following the steps in the Test Design document, collaborated with Developers to rectify defects.
- Identified testing stories/components that can be automated (Selenium (Java)) and Developed code to perform the Testing during Regression and during Sprints.
- Worked with Business Analyst to identify the Test Data requirements and retrieved Data from the Database using Tools such as Toad (SQL)
- Trained in JAVA, SQL, HTML/CSS, Manual Testing, Trained in Automation Testing (HP UFT, Selenium, JMeter)

PROJECTS / INTERNSHIPS

Twitter Data Project, Northeastern University   **Oct 2021 - Ongoing**
- Developed scripts to extract every useful information from Tweets such as important words, named entities, locations, emojis.
- Packaged script to a Twitter NLP library and upload highly annotated datasets to Kaggle.

Graduate Trainee, Sconce Solutions Pvt Ltd, Chennai, India   **Sep 2017 – Feb 2018**
- Assisted in Windchill implementation, Teamcenter Implementation
- Contributed to various Database Migration projects (Windchill 10.x – Windchill 11).

TECHNICAL SKILLS:
- **Programming Languages** – Python, Java, Javascript, HTML/CSS
- **Framework** – Django, Flask, node.js, React
- **Software Testing** – Automated Functional Testing (Selenium TestNG Framework), Manual (Functional and API Testing)
- **Information Security** – DevSecOps Implementation (SAST – SonarCloud, SonarQube, familiar with Checkmarx; DAST – Rapid7 AppSpider, OWASP ZAP; Infra Scanning Tool – Rapid7 InsightVM), Application Penetration Testing - Burp Suite, OWASP ZAP, Nmap, Metasploit
- **Cloud** – Azure, AWS
- Azure Devops, Git
- MS Office

ACADEMIC QUALIFICATION
Master's in Software Engineering Systems – Northeastern University   **Sep 2021- May 2023**
          Related Courses – Object Oriented Design (Java), Program Structures and Algorithms, Network Structures and Cloud Computing, Web Design, and user Experience

Bachelor of Engineering (Mechanical) - Anna University, Chennai   **Jun 2013 – May 2017**
          Related Courses – Computer Programming (C++)

CERTIFICATIONS
- Six Sigma Yellow Belt Holder, Ministry of Micro, Small and Medium Enterprise, Central Palmgur and Palm Products Institute, January 31, 2016