**PRIYANKA ELURI**

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**PROFESSIONAL SUMMARY**

* Experience in **developing end to end web applications using Microsoft frameworks like C#, cloud mechanics like azure cloud** with **DevOps**, **Angular JS, React JS** technology.
* Experience in **Azure Cloud Services** and **DevOps like AKS, Azure functions, Virtual machines, Azure active directory, ARM, CI/CD and Role based identity services**.
* A strong understanding of software development life cycle with different programming languages like **Java, .Net with Azure, Python and Data structures and algorithms, virtualization, storage, networking, distributed systems, data analysis**.
* Experience in **script development with Java, Selenium web driver, JavaScript, test automation strategies, test execution and maintenance, quality assurance, regression testing**, collaboration and communication.
* Worked as **offshore automation team coordinator** for onshore testing team to showcase the daily updates with **Test design, Plan,** **Agile Development**. **Analysing test results and identify defects, patterns of issues, troubleshoot scenarios and compile detailed reports.**
* Proven strength in design specifications, technical architecture, mandates, **analytical, diagnostic and troubleshooting skills** and **identifying critical bugs** and effectively communicating them to the appropriate team.
* Proficient in **quality assurance for insurance domain applications and microservices**.
* Familiar with **Automate processes and develop tools**, **troubleshooting**, **Oracle database techniques like Backup and recovery, Performance tuning, Crud operations.**

# SKILL SET

* **DevOps, ASP .Net Core, Azure, Selenium web driver, Java, Java script, Web Development, Testing, Automation.**

# ACADEMICS

* **Master of Science in Computer Science, University of Central Missouri (GPA 3.4)**  **Aug 2023 – Present**
* **Bachelor of Technology in Computer Science, JNTUK (GPA 3.7) Aug 2016 - Sep 2020**

# TECHNICAL SKILLS

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| --- | --- |
| Programming & Scripting Languages | Java, .Net, C/C++, Python, HTML, CSS, PowerShell, XAML. |
| IDEs | VSCode, Eclipse, PyCharm, Selenium IDE, Selenium web driver, Node.js, Network Protocols |
| Databases | SQL, MySQL, SQLite, Oracle |
| Testing Tools | Selenium, ALM |
| Visualization Tools | Tableau, Power-BI |
| Big Data & Machine Learning | Spark, Hadoop, Hive, ARIMA, SARIMA, VAR, GAM, SVM, GAM, Gradient boosting, CatBoost, decision trees, Random Forest, Python (e.g., dart, pandas- profiling, scikit-learn, NumPy, pandas, matplotlib, Shap, Lime, Pyspark) |
| Operating Systems | Windows, Ubuntu, Linux, Unix |
| Cloud Services | Azure, AWS |
| Software Development Methodologies | Agile, Scrum, Waterfall |
| DevOps | Azure DevOps, Git, GitHub |
| Other Tools | OOPS, Data Structures and Algorithms, APIs, Excel, GIT, Bitbucket, Apache Airflow, JIRA, Confluence, MS Office, key control indicators like KCI, KPI, KRI, Alteryx, snowflake, GoLang, Spring, Designing, Postman, Citrix, Communication, Analytical skills, Problem solving, Code review, Reliability, excellent written and verbal communications skills in English |

# WORK EXPERIENCE

* **Next-Gen Recruitment System (Team Lead) – University of Central Missouri**
* Developed an online recruitment platform with three core modules: Admin, Recruiter, and Job Seeker. The system streamlines the hiring process by enabling smooth communication between employers and candidates.
* Admins manage user registrations, add skills, and monitor job postings. Recruiters can post jobs, review applications, schedule interviews, and make hiring decisions. Job seekers create profiles, upload resumes, and apply for positions matching their skills.
* The system ensures a structured workflow from job postings to final selection, enhancing efficiency in the recruitment lifecycle.
* **Technologies Used: DevOps, ASP .Net, .Net core, Azure, HTML, CSS, JavaScript and frameworks such as Angular/React.**
* **Sr Software Engineer, Capgemini, India: September 2022 – September 2023**
* **Client: Zurich North America, Insurance.**

**Responsibilities:**

* Identifying the scope of automation and selecting appropriate **test cases for automation**.
* Developed test scripts by **writing, executing, and maintaining automated test scripts using programming languages such as Java, JavaScript, HTML, CSS, C#**.
* Ensuring the developed scripts are capable of handling various test scenarios and edge cases.
* Logging defects in ALM and working closely with Developers, QA analysts and Business analysts to get timely resolution.
* Participating in daily **Agile/Scrum** ceremonies like **sprint planning, standup calls** to provide updates and feedback.
* Executing regression test cases, logging the results monthly, and identifying the defects.
* Re-testing the defects after receiving the code updates and adding the new test cases to cover the particular defect scenarios.
* Sharing knowledge and best practices with team members to promote continuous improvement within the testing team.
* **Sr Software Engineer, Capgemini, India: May 2021 – August 2022**
* **Client: Kelly, North America.**

**Responsibilities:**

* Design, develop, and maintain the web application using the .Net framework such as **ASP .Net, .Net core**.
* Developed front end side using technologies like **HTML, CSS, JavaScript and frameworks such as Angular/React.**
* Written efficient code in **C#, VB.Net and deploy the code into Azure DevOps service which is CI/CD pipelines**.
* Served as backup resource as DBA for Oracle database patches, recovery and backup services.
* Communicating effectively with team leads and team members to ensure project alignment.
* Maintaining **.Net ecosystem up-to-date with latest deployments** and participating in professional development opportunities, such as training sessions and certifications.

# PROJECTS

* **Online Courier Management System (Team Lead) - Capgemini**

The web application is designed for managing the sending and receiving of couriers. It operates by

using test cases to trigger mail events within a logical application and retrieves data from Azure

Blob Storage.

**Technologies Used: ASP .Net Core MVC, MS Azure Cloud, MySQL**

* **Animal Detection System (Team Lead)** - **SACET (Academic)**

This **machine learning application** generates sounds when it detects animals on farms and identifies smoke, sending notification emails to the farm owner.

**Technologies Used: AWS, Python, IBM Cloud, Machine Learning**

# CERTIFICATIONS

* **Accreditations**
* Selenium with JavaScript Certification from Capgemini
* Automation Foundation Certification from Capgemini
* AWS - AWS Cloud Practitioner
* Microsoft – Azure Fundamentals (AZ 900)
* University of Minnesota - Agile software development
* Microsoft - Certification - Azure Cloud Services
* Learn Quest from Coursera- Azure Fundamentals
* Solo Learn - Certification - C, Java, Python
* Coursera - Certifications - Soft skills
* Coursera - JavaScript Basics
* Degreed - Pathways - DevOps First Steps
* Degreed – Pathways – DevOps for Automation

# AHIEVEMENTS & AWARDS

* Special recognition for learning quick about project responsibilities and working for production issue – **Zurich**
* Saved time by automating the critical test scenarios
* Power point presentation at **JNTU NEC** in 2020