AJAYKRISHNAN.S

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EXPERIENCE

TATA CONSULTANCY SERVICES   Apr 2021 - Present
Software Developer Engineer (SDE)/Software Developer Engineer in Test (SDET).   *Kochi, India*

Client: US Insurance: Python Backend Developer (Tools: VS Code, AWS, GIT, Methodology: Agile)   Dec 2023-Present

- Developed Python scripts leveraging AWS services like S3 for data storage, Secret Manager for secure credentials management, and EC2 for hosting, facilitating secure file transfers and enhancing data security.
- Integrated SFTP protocol for secure file sharing, ensuring zero data breaches post-migration and maintaining data integrity.
- Managed data processing tasks, including loading Excel data into S3 buckets, processing certificates, passwords, and other sensitive information, resulting in streamlined data handling processes and a 30% reduction in processing time.
- Collaborated with stakeholders to understand requirements, implement solutions, and provide technical support, leading to a 50% increase in client satisfaction due to improved efficiency, knowledge sharing, and streamlined processes.

Client: US Insurance: API Testing (Tools: Postman, SOAP UI, JIRA and Confluence, Methodology: Agile)   Feb 2023-Nov 2023

- Led API testing with Postman & SoapUI during critical IBM Sterling to MuleSoft migration, reducing post-migration bugs by 20%.
- Utilized SFTP to retrieve logs after post-Postman tests, ensuring zero data breaches post-migration, maintaining data integrity.
- Conducted E2E validations based on prepared test cases, identifying 30 critical bugs, which improved system stability by 95%.
- Collaborated closely with the development team, leading to a 40% reduction in average bug-fixing time and a 25% increase in development-tester communication efficiency.
- Contributed extensively to Confluence documentation, enhancing team knowledge sharing and transparency, leading to a 50% decrease in onboarding time for new QA team members.

Client: BIG4 Firm: Manual/DB Testing (Tools: SQL Server, Azure Devops, Methodology: Agile)   Apr 2022-Jan 2023

- Developed and executed test cases for vendor apps post-Database decommission, resulting in the resolution of 20+ critical bugs (a 30% reduction) before UAT, ensuring a smooth transition to production with no major issues.
- Actively participated in bug tracking and regression testing using Azure DevOps, contributing to an efficient development process.
- Raised clarifications and bugs in Azure DevOps and scrum calls, leveraging tools like Microsoft TFS and DevOps for efficient bug tracking and resolution.

Client: BIG4 Firm: Automation Testing (Tools: PyCharm, Microsoft TFS, Methodology: Agile)   May 2021-Mar 2022

- Devised Python Selenium scripts using PyCharm to automate an internal learning/tracking tool, improving tool performance by 20% and enhancing user experience by 35%.
- Validated UI automation scripts and ensured application compatibility on Edge and Chrome browsers, ensuring a seamless user experience across platforms.
- Drafted comprehensive Test Reports and uploaded bug findings to Microsoft TFS, contributing to enhanced documentation and improved bug tracking and resolution. Reported and resolved 50+ bugs (a 40% increase in bug detection) during the automation testing phase, leading to overall software stability and reliability.

SKILLS AND CERTIFICATIONS

Languages   : Python, Java, C++, HTML/CSS, Selenium, SQL.
Tools & Technologies: Visual Studio, PyCharm, Postman, SQL Server, Microsoft TFS/ Devops, JIRA, AWS, Azure, GitHub.
Skills: Problem-Solving, Analytical Thinking, Attention to Detail, Data Structures and Algorithms, Agile Approach, Collaboration and Teamwork, Effective Communication, Time Management, Prioritization, Quick Learner, Behavior-Driven Development (BDD).
Domain: Professional Services, BFSI (Banking, Financial Services, Insurance), Cloud Computing (Azure, AWS), Healthcare.
Technical Certifications: Certified Entry-level Python Programmer (PCEP), Certified Associate in Python Programming (PCAP).
Cloud Certifications: Azure – Azure Fundamentals x5, AZ104, DP100; **AWS** – CLF-C02 (AWS Cloud Practitioner).

ACHIEVEMENTS AND EXTRACURRICULAR INVOLVEMENT

- Promoted to System Engineer after clearing prestigious Elevate Wings exam, recognized for exceptional performance.
- Best Performer of the Month (x1) for exceeding targets, improving team productivity.
- Best Team award (x3) for efficient project delivery, client satisfaction, and positive team dynamics.
- Hosted tech events in TCS with 500+ participants, increasing visibility and networking.
- Won multiple hackathons, demonstrating innovation, problem-solving skills, and a commitment to continuous improvement.

EDUCATION

AHALIA SCHOOL OF ENGINEERING AND TECHNOLOGY   Palakkad, Kerala, India
B.Tech in Computer Science, Secured an aggregate of 7.7 CGPA.   *2016-2020*