

Akhil Sai Chintala

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SKILLS

C | C++ | Java | Python | Ruby | SQL | PostgreSQL | Django | MongoDB | MySQL | PowerShell | Linux | Unix | Windows | HTML | CSS | Javascript | PHP | ReactJS | AngularJS | NodeJS | MVC | Typescript | Git | GitHub | AWS | DynamoDB | EC2 | S3 | Lambda | Spring | Spring Boot | Apache Kafka | Restful APIs | Microservices | JUnit | Eclipse | JSON | Salesforce | Lightning Web Components | Apex | Visualforce | Workflows | SOQL (Salesforce Object Query Language) | XML | Microsoft Visual Studio | RubyMine | CI/CD tools | Jenkins | Selenium | Cypress | Cucumber | Zephyr | T-SQL | Kubernetes | Docker | Communication Skills | Analytical Skills | Data Structures & Algorithms | Problem-Solving | Critical Thinking | Teamwork | Time Management | Jira | Confluence | BitBucket | Splunk | Manual Testing | Automation Testing | Unit Testing | UI/UX | Microsoft Azure | SOAP (Simple Object Access Protocol) | TCP/IP | UDP | Scrum | Agile methodologies | Waterfall methodologies

EXPERIENCE

OREGON STATE UNIVERSITY

Corvallis, OR Jul 2022 – Dec 2023

Software QA Engineer

- Served as a mentor to **2** developers, nurturing their growth and proficiency within the dynamic Salesforce ecosystem and Conducted rigorous code reviews for **10+** projects, ensuring strict adherence to best practices and coding standards.
- Organized and maintained Salesforce environment, ensuring data integrity, security, and high availability while achieving **99%** uptime for **500+** users.
- Spearheaded the development and deployment of **3** custom Salesforce solutions, revolutionizing internal processes and boosting efficiency in identifying and resolving over **100** bugs, maintaining an outstanding defect closure rate of **95%**.
- Conducted E2E Regression Testing to streamline the graduate school application process, increasing efficiency by **25%** and diligently executed manual testing for over **50** intricate features leveraging Zephyr, guaranteeing top-tier quality in all software releases.
- Conducted thorough regression testing for **10+** releases, ensuring seamless functionality across multiple environments and preventing regression defects.
- Orchestrated the implementation of automated testing protocols using Cypress, Cucumber and Typescript, slashing testing timelines by an impressive **30%**.

(Tech Stack: Salesforce, Lightning Web Components, Visualforce pages, Aura Components, Apex Programming, Salesforce Object Query Language (SOQL), WorkBench, HTML, CSS, Javascript, JIRA, Confluence, GitHub, CRM tools, Zephyr, Manual Testing, Cypress, Cucumber, Typescript, Automation Testing, UI Testing, Smoke Testing, Regression Testing, CI/CD Practices, Agile Methodologies, Scrum)

ADP

Hyderabad, India Aug 2019 – Dec 2021

Software Engineer in Test

- Managed **3** projects simultaneously, delivering all objectives on time using agile software development methodologies, resulting in a **100%** success rate for project completion.
- Developed Python and Ruby scripts to aggregate XML test results and load the latest build code onto hardware systems, resulting in a **30%** reduction in testing time and improved testing efficiency.
- Created test cases/plans, and test automation scripts using Selenium, RubyMine, Postman, and other tools, reducing manual testing efforts by **30%**.
- Implemented a CI/CD pipeline using Jenkins, facilitating daily automated deployments and reducing deployment time by **70%**, leading to faster time-to-market for product enhancements.
- Led (knowledge transfer) KT sessions for QA team members on Ruby automation frameworks and best practices, improving team proficiency and fostering a culture of continuous learning.
- Collaborated with cross-functional teams in executing **50+** manual test cases per sprint, identifying and reporting **100+** defects on average, resulting in improved product quality and enhanced end-user satisfaction.

(Tech Stack: Ruby, RubyMine, Python, Cucumber, Selenium, Postman, Manual Testing, Automation Testing, API Testing, Smoke Testing, Regression Testing, Test cases, Test scripts, Test plans, Agile methodologies, JIRA, Confluence, Scrum, Git, CI/CD tools, Jenkins, MySQL, Splunk, BitBucket, Docker, T-SQL, A/B testing tools, Bash scripting, Critical Thinking, Problem Solving, Communication, Collaboration, Time Management)

EDUCATION

Oregon State University, Corvallis, OR

Jan 2022 – Dec 2023

Master's in Computer Science

Related Courses: DBMS, Algorithms, Operating Systems II,
Data Science and Machine Learning, Parallel Programming, Error
Correcting Codes, Computer Architecture, Field Studies in Software
Engineering and Human Computer Interaction, Computer Graphics

GPA: 3.89/4.00

Mahatma Gandhi Institute of Technology, Hyderabad, India

Aug 2015 – May 2019

Bachelor of Technology in Computer Science [B.Tech CS]

Related Courses: Cloud Computing, Software Engineering, DBMS,
Compiler Design, Java, Data Structures & Algorithms, Probability Theory

GPA: 7.1/10.00

PROJECTS

***Full description and code available at LinkedIn/GitHub [ClickHere](#)

- **Contact Tracing App, Fall 2023**
 - ✓ Dramatically decreased manual contact tracing time by **40%**, enabling swift identification and isolation of potential cases.
 - ✓ Integrated automated contact tracing functionalities into the Salesforce platform, reducing contact tracing time by **50%** and enabling swift identification of potential cases.
 - ✓ Conducted thorough testing and validation procedures, resulting in a **95%** reduction in data inconsistencies and ensuring data accuracy for critical decision-making.
 - ✓ Zephyr test management tool, resulting in a **40%** reduction in test case creation time and a **50%** improvement in test execution efficiency.
- **International Human Capital Management, Spring 2022**
 - ✓ Achieved a **30%** reduction in manual effort by integrating with third-party systems to automate key processes.
 - ✓ Conducted manual testing using Selenium framework, ensuring a **95%** defect detection rate and a 30% reduction in bug-fixing time during the testing phase.
 - ✓ Led to enhanced functionality and a **15%** increase in data accuracy by targeting and streamlining the Payroll and HR systems.
- **Expedition Budget Analyzer, Fall 2019.**
 - ✓ Demonstrated exceptional technical proficiency in Eclipse and Web Development Technologies, consistently delivering accurate and reliable budget analysis results, resulting in a 20% increase in financial accuracy.
 - ✓ Implemented end-to-end testing methodologies, contributing to a 20% surge in test coverage and a 25% improvement in overall application reliability, as evidenced by a decrease in post-deployment issues reported by users.
- **LifeSaver (Blood Bank Application), Spring 2017**
 - ✓ Implemented Docker containerization to streamline deployment processes, reducing deployment time by 50% and ensuring consistency across different environments.
 - ✓ Developed a blood bank information tracking platform, ensuring efficient blood group availability management, and improving response time by 30%.
 - ✓ Integrated with blood bank databases to ensure real-time information and up-to-date availability for 1000+ users.

HONORS & AWARDS / TRAINING & CERTIFICATION

- Azure Cloud Fundamentals, BootCamp - Jan 2024
 - AWS Certified Cloud Practitioner CLF-02 - Oct 2023
 - The Complete Salesforce Development Course, Udemy - Jul 2023.
 - Awarded Best Team Player with "MyMoment" at ADP Private Limited - Mar 2020
 - Machine Learning, Microsoft Technology Associate Training - May 2018.
 - Python Programming, Sololearn - Jan 2018
 - MySQL with Database Programming, Oracle - Dec 2017
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I hereby declare all the above information is true.