

Karthikeyan Gopalakrishnan

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EDUCATION

The University of Texas at Dallas

Master of Science, Information Technology and Management
Dean's Excellence Scholarship (2022 – 2023)

May 2024
GPA 3.87

Sri Krishna College of Engineering and Technology, India

Bachelor of Technology, Information Technology

Mar. 2018

TECHNICAL SKILL

Certification	:	AWS Certified Cloud Practitioner [0JQVQ2R1WNQEQBKV]
Programming	:	Java, Selenium, Cucumber, SQL, Python
Cloud services	:	AWS [S3, Glue, IAM, Athena, Lambda, CloudWatch, Redshift]
Databases	:	MySQL, MongoDB
Software	:	Eclipse, GIT, Postman, SOAP Sonar, SOAP UI, Splunk, JIRA, Bugzilla, qTest
Other	:	Agile Methodologies, Jenkins, Maven, TestNG, POM

PROFESSIONAL EXPERIENCE

Expleo Solutions Limited, Chennai, India - *Software Engineer*

Apr. 2021 – July 2022

- Worked for a leading US-based Finance domain client providing solutions for multiple financial institutions
- Hands-on experience in automating and reviewing test scripts using Selenium with Java for web applications
- Revamped the existing automation script with objective of maximizing the re-usability and maintainability
- Configured Maven and Gradle build params to streamline test executions on Jenkins
- Actively contributed to Agile processes from Daily scrum, Sprint refinement, planning to retrospective
- Updated manual test cases and tested services for Sponsor, Payment, Payee, Card account
- Developed reliable test documentation such as test plans, test suites, test cases, bug report using specifications and requirements
- Provided demo and support to clients at end of each sprint, gathering their approval and feedback

Techstar Software Development India Pvt. Ltd., Chennai, India - *Automation Engineer*

Nov. 2020 – Apr. 2021

- Developed an Automation flow for US Tele-communication client in webservices API testing using Postman collections and Edge (client internal tool)
- Designed test cases and tested webservice APIs and web application for services focusing on Trade-in and Bring Your Own Device (BYOD)
- Validated the API requests in JSON format using Postman tool to check different status codes using GET, PUT, POST methods
- Created automation test script for API with Postman collections to store test cases in bulk and execute sequentially or individually for smoke and regression test providing valid parameters
- Accomplished testing goals on time by performing Smoke, Functional and Regression testing and resolving all the critical and negatively impacting open bugs prior to deployment

AntWorks Solutions India Pvt. Ltd., Chennai, India - *Software Development Engineer in Test*

Feb. 2019 – Nov. 2020

- Developed Automation script using Selenium web-driver and Winium incorporating Page Object Model, Data Driven using excel, Element locators for test cases and TestNG with annotations
- Performed data-driven automation with test data present in excel sheets using Apache POI reducing manual testing work and resulting in 100% accurate test results
- Single-handedly tested and delivered a banking project involving from backlog refinement, test strategy, test cases writing, manual testing, test script development, defect triage to sign-off
- Guided Interns and Manual testers in transitioning to Automation testing

Accenture Solutions Pvt. Ltd., Bangalore, India - *Associate Software Engineer*

Apr. 2018 – Aug. 2018

- Engaged in internal software testing – Automation testing with Java and Manual testing
- Created and updated manual test cases and test scenarios
- Enhanced customer satisfaction by performing requirement gathering, reviewing business requirement documents and technical specifications to avoid miss-communicated requirements and rework