

UDAYKIRAN KALYANAPU

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EDUCATION:

The George Washington University
Master of Science, Computer Science

Washington, DC
Expected December 2025

- Cumulative GPA: 3.9
- Relevant Coursework: Advanced Software Paradigms, Design Analysis and Algorithms, Computer System and Architecture, Machine Learning, Software Engineering and Database.

Vel Tech University
Bachelor of Technology, Computer Science and Engineering

Chennai, Tamil Nadu, India
May 2022

- Cumulative GPA: 3.55 (8.54/10)
- Certified level 3 RPA Developer in UiPath Automation.
- Major Project – Detection of Cyberbullying using Machine Learning Algorithms.
- Relevant Coursework: Artificial Intelligence, Java Programming, Object-Oriented Programming, UI/UX Designing with Kotlin, Cloud Computing Concepts, Data Structures, Web Development, and Python Programming.

EXPERIENCE:

Capgemini
Senior Software Engineer

Chennai, Tamil Nadu, India
October 2022 – December 2023

- As a full-time Automation Test Engineer, I bring extensive proficiency in Selenium automation Scripting using Java, with a specialized focus on creating robust and efficient Automation Scripts. I have successfully implement a hybrid framework that combines Cucumber + Karate DSL and TestNG(Parallel Execution and Prioritizing testcases), utilizing Behavior-Driven Development (BDD) principles for enhanced collaboration.
- Additionally, I possess hands-on experience with API Testing using Postman, Rest Assured and API Test cases and ETL Testing. Resolved Jira tickets with comprehensive bug fixes
- Certified in Automation Engineering with Selenium Practitioner level.
- Winner of the New Generation Talent Hackathon at Chennai in Capgemini (2024).

Capgemini – Internship
Automation Tester

Chennai, Tamil Nadu, India
February 2022 – April 2022

- Completed an internship and received training in automated testing using java selenium. Underwent training including with sessions on the fundamentals of web development, Java programming, and Selenium Basics.
- I have tested and produced defect reports for a website named "Magic bricks" that sells real estate online as part of a project.
- we have also carried out manual testing, User Stories, test cases creation, test script writing in selenium, Jira, test report summary, Defect report etc.

Cisco – Virtual Internship on Cybersecurity
Cybersecurity intern

February 2021 – June 2021

- Gained comprehensive knowledge in the tactics, techniques, and procedures used by cyber criminals, and mastering the principles of confidentiality, integrity, and availability (CIA) as they relate to data states and cybersecurity countermeasures.
- Developed proficiency in applying technologies, products, and procedures to protect confidentiality, ensure data integrity, and provide high availability, effectively mitigating risks and securing critical information assets.

PUBLICATIONS:

- Published our paper in the International Conference on Emerging Trends in Communication and Networking (ETCAN'21) held from 22.10.2021 to 23.10.2021 sponsored by AICTE at Kongunadu College of Engineering and Technology (Autonomous), Trichy, Tamil Nadu, India.
- Journal URL : <https://thegrenze.com/index.php?display=page&view=journalabstract&absid=1054&id=8>.

SKILLS:

- Languages: Java, Python, SQL, Kotlin, Selenium, Karate DSL, Gherkin.
- Technology: Automation Testing Using Selenium and java, Manual Testing, RestAssured API, Postman, Cucumber, TestNG, UI Path Automation, Jenkins, Jira, Microsoft Office Suite (Word, Excel, PowerPoint, Teams, and Access), Google Workspace (Docs, Sheets, Slides, Meet, and Google Classroom).