

NITIN KUMAR SINGH

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github.com/exzyycodes

Professional Summary

Personable and highly analytical, with solid foundation in software development and testing principles. Well-versed in programming languages such as Java and Python, and skilled in automated testing tools like Selenium and JUnit. Committed to delivering reliable and efficient software solutions that enhance user experience and operational efficiency.

Education

VIT Bhopal University , B.Tech in Computer Science	2019 - 2023
• CGPA: 8.09	
V.K.V. Dibrugarh , Class XII (AISSCE)	2016 - 2017
• 65.2%	

Professional Experience

SDET- Quality Engineer , LTIMindtree – Bangalore, India	March 2024 - Present
<ul style="list-style-type: none">Company Overview: (Client - Great American Insurance Group)Managed and executed full end-to-end (E2E) regression cycles, covering both API and UI testing.Led defect life cycle management, ensuring efficient defect tracking and resolution using Rally.Implemented BDD Cucumber automation frameworks to accelerate test execution.Utilized Jira, Rally, and Jenkins for agile test management and CI/CD implementation.Self-trained in P&C Insurance domain & Duck Creek Policy, leading to efficient domain-specific testing.Awarded 2 times Super-Crew Award for outstanding contributions to the Insurance BU.	
Graduate Apprentice - SDET Trainee , LTIMindtree – Bhubaneswar, India	Dec 2023 - March 2024
<ul style="list-style-type: none">Led a 6-member team in building a full-fledged BDD Cucumber testing framework (Project Gladiator).Designed automated test scripts covering 300+ web application test cases and 150+ API & mobile test casesImplemented reusable automation framework components for UI validation and comparisonWorked on data-driven and hybrid test automation frameworks using Selenium, Java, TestNG.	

Projects

Mayo Clinic - Project Gladiator	MayoclinicBDDFramework
<ul style="list-style-type: none">Led a 6-member team to create a scalable BDD testing framework, automating 60+ test cases.Improved test efficiency by 40% and reduced manual intervention with automated progress tracking & reporting	
IDAC - AI-Powered Medical Web App	github.com/exzyycodes/IDAC
<ul style="list-style-type: none">Developed a TensorFlow & Django-based web application to assist users in diagnosing medical conditions.Built using Python, Keras, HTML/CSS, JavaScript, reducing dependency on doctors for preliminary assessments.	

Skills

- Java, Selenium, TestNG, JUnit
- Manual testing, User acceptance testing, Regression testing
- Expertise in Selenium BDD, Scripting automation, Test automation frameworks
- Cross-functional teamwork, Test case design
- Software development life cycle, Test planning & execution, Bug reporting