

SWETHA MURALITHARAN

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Software Developer and **Tester** with over 3+ years of experience in building and testing robust software applications. Increased software quality by 30% and team productivity by 20% through efficient testing strategies and precise development efforts. Proficient in **front-end development**, test automation, and **Agile practices**. Adept at resolving technical challenges and collaborating with cross-functional teams to deliver reliable solutions.

EXPERIENCE

07/2021 – 10/2021 **UI/UX DEVELOPER**

CODIIS Startup
Chennai, India

- Created and managed responsive web applications using HTML, CSS, JavaScript, and Bootstrap and Figma to ensure functionality and usability.

12/2021 - 05/2022 **Software Developer**

Infosys Limited
Chennai, India

Client: C Spire, USA.

- Enhanced telecom applications using AngularJS, improving performance by **25%**.
- Streamlined build processes, reducing deployment time by **20%**.
- Delivered features with a **99% compliance rate**, meeting user and technical requirements.
- Debugged and optimized code, increasing application stability.

05/2022 - 06/2024 **Senior System Engineer**

Infosys Limited
Chennai, India

Role: Offshore Mobile Test Analyst

Client: Altice USA

- Led testing for iOS, Android, and TVOS platforms, reducing crash reports by **30%**.
- Resolved over **30 critical defects**, improving user satisfaction and product stability.
- Automated testing with Appium, TestNG, and Node.js, cutting manual testing time by **40%**.
- Designed and executed **150+ test cases**, logging **50+ defects** in JIRA for quicker resolution.
- Conducted regression testing on **10+ releases**, ensuring consistent functionality.
- Coordinated with Agile teams to meet sprint deadlines with 100% on-time delivery.

11/2024 –
3 months
Sweden

Globy AI, Sweden

Web Developer Intern

- Designed and maintained websites using WordPress and front-end technologies, ensuring responsive layouts and improved user experience.

SOFTWARE TESTING SKILLS

- **Testing Techniques:** Manual, Automation, Regression, smoke, sanity and functional testing
- **Automation Tools:** Selenium, Appium, TestNG, Junit, WebDriver, Cucumber
- **Bug Tracking & Test Management:** JIRA, HP ALM
- **Scripting Languages:** Python, JavaScript
- **CI/CD & DevOps:** Jenkins, GitLab CI/CD, Docker

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, Python, C, C++
- **Web Development:** HTML, CSS, JavaScript
- **Frameworks:** Angular, Node.js
- **Database Management:** SQL
- **Cloud Technologies:** AWS, Azure, Docker, Jenkins
- **Version Control:** Git, GitHub
- **Other Tools:** Figma, Adobe illustrator, WordPress

EDUCATION AND TRAINING

04/2020 Chennai, India	Bachelor of Engineering in Computer Science and Engineering Anand Institute of Higher Technology CGPA: 7.28 Project: A Panacea for Healthcare Data Privacy & Security <ul style="list-style-type: none">• Developed a blockchain-based system for healthcare data privacy, enhancing data security through AES encryption.• Published research in the <i>International Journal of Advanced Research in Computer and Communication Engineering</i>.
11/2024 Vasteras, Sweden	Short Courses (Distance Learning 2 months) Mälardalen University – Västerås, Sweden Nov 2024 <ul style="list-style-type: none">• Automated Test Generation• Quality Assurance – Model-Based Testing

AWARDS AND HONORS

- **Infosys Insta Awards:** Recognized for improving OS-specific release efficiency.
- **Infosys Rise Awards:** Honoured for outstanding contributions to team projects.

CERTIFICATIONS

- **AB Software Testing**, European Open University (2022)
- **Women Entrepreneurship Program**, Indian Institute of Management Kozhikode (2022)
- **Automation Testing** – Great Learning (2024)
- **Appium Mobile Automation Testing** – Coursera (2024)
- **Agile Software Development** – Infosys, Chennai (2022)
- **Google Analytics Certification** – Google (2022)
- **Diploma in NASA System Engineering** – European Open University (2022)