YAGNA SRINIVASA HARSHA ANNADATA

yxa210024@utdallas.edu | +1 9452087629 | www.linkedin.com/in/yagna-srinivasa-harsha-annadata

ACADEMIC PROFILE

Master of Science, Computer Engineering **GPA:3.72/4**

University of Texas at Dallas, Texas **August 2022 – May 2024**

Coursework: Computer Architecture, Statistics for Data Science, Web Programming Languages, Applied Data structures and algorithms, VLSI, Embedded systems, Advanced Digital Logics, Testing and Testable design, Design Analysis of Reconfigurable systems.

Bachelor of Technology, Electronics and Communication Engineering **GPA:8.3/10**

Jawaharlal Nehru Technological University, India **August 2016 – August 2020**

SKILLS

- **Platforms/Tools:** Selenium, Jenkins, Eclipse, Appium, Android studio, JIRA, Jbehave, Confluence, MATLAB, Synopsys Design Vision, Cadence.
- **Languages:** Java, C, Embedded C, Python, Verilog, TCL Script, Shell Script.

WORK EXPERIENCE

University of Texas at Dallas, Texas, USA

Webmaster **January 2023 – present**

- Development of the website of IEEE Dallas CAS under prof. Tooraj Nikoubin using HTML, CSS and WordPress.

OpenText, Karnataka, India

Associate Software Engineer **May 2022 – July 2022**

- Fixed issues surrounding the search functionality of the OpenText Documentum D2.
- Developed unit test case to access the product robustness and facilitate the improvement of the product quality by 5%.

Associate Quality Assurance Engineer **August 2020 – May 2022**

- Worked on QA validation for OpenText Documentum D2 product on Linux, MAC and Windows.
- The product's functionality was tested and validated through automation using Selenium and CI/CD Jenkins.
- Developed regression test suite to achieve 95% overall coverage, resulting in a 92% positive performance report.

Engineering Intern **October 2019 – April 2020**

- Developed an automation test suite for the OpenText Documentum D2 on mobile platform using Appium and Android studio which covered 70% of the product functionality.

ACADEMIC PROJECTS

- **Tiny ML classification model**
  - Using Energia and EdgeImpulse, developed a Tiny ML model on the TI Launchpad CC1352P and BOOSTXL-Sensors. By recording data, applying spectral analysis, and programming the generated file onto the hardware, the deployed model enables motion and audio detection.
- **Automation of Social Platforms**
  - Automated social platforms such as Facebook and Amazon using Selenium and Eclipse. Through the identification of web elements and their integration with Selenium, the relevant webpages were navigated, enabling the automation of processes like website login, element location, and actions.
- **Smart irrigation system using firebase**
  - Developed an Arduino-based smart water irrigation system for farm fields. The system sends alerts via Ethernet and stores data in Firebase. Prototype in use in a 30-foot garden with 80% report accuracy.

CERTIFICATION

- JIRA certification by OpenText.
  - Use of JIRA in project administration and management.
- Machine Learning Crash Course by Google.
  - The learning and application of fundamental machine learning concepts with Application of TensorFlow APIs.
- Certification in Agile Project Management and Scrum by Open Classrooms.
  - Learned agile software development fundamentals, including daily stand-ups with feedback and retrospectives, and sprint planning in a scrum team.

VOLUNTEER

- 16TH IEEE Dallas circuits and systems conference.
  - Organized Tiny ML workshop which helped students to understand and develop projects on edge impulse.
- President for Technolites, technical committee for Electronics and Communication department.
  - Organized and Conducted tech talks, seminars, workshops, technical fests and annual college fests.

ACHIEVEMENTS AND AWARDS

- I was awarded the OpenText Voyager award for clearing the maximum number of bugs present in Documentum D2 v16.7 in 2021. Also, received awards for excellent performance in Documentum D2 for the years 2021 & 2022.