AVEN ARLINGTON

AVEN.ARLINGTON@GMAIL.COM

Senior Software Developer with a decade of experience in all aspects of creating and maintaining professional quality software.

WORK EXPERIENCE

National Instruments (now part of Emerson)
A leader in test and measurement automation

Software Engineer III (Senior)   Sept 2021 – Present

- Scrum Master
  - Daily collaboration with team members focusing on continuous improvement and feature development.
  - Translate team goals into actionable features and work items.
  - Develop processes for work inflow and backlog management.
  - Enforce Kanban principles to meet throughput goals.
  - Administration of all Agile/Scrum processes: sprint planning, stand-ups, and retrospectives.
  - Document and train members on the team's Agile process.
  - Reporting status and progress to leadership.
- Build and Test Triage
  - Monitor build pipelines and triaged build issues.
  - Triage test failures and create descriptive bug reports for reproducing issues.
- Development
  - Bug fixing, continuous improvement initiatives, and tooling modernization.
  - Analyze test results and repair or remove problem tests as appropriate.

Software Engineer II   July 2016 – Sept 2021

- Create and maintain production quality test code.
- Create system level verification tests to ensure changes meet acceptance criteria and code defects are detected prior to release.
- Create system level validation tests to ensure that performance and compatibility requirements meet the needs of customers.
- Create unit tests to ensure individual code changes are robust and produce expected results.
- Feature development for automated test systems and test executors.

Applications Engineer I and II   June 2013 – July 2016

- Provided technical support for products in the automotive/transportation test space.
- Communicated with customers of different backgrounds to resolve support issues effectively.

SKILLS

Coding:	Rust	C++	Python	C#
Tools:	Git	Perforce	Azure	Jenkins

CONTACT

aven.arlington@gmail.com   (806) 928-1589
https://www.linkedin.com/in/aven-arlington   https://github.com/aven-arlington