Dan Edens

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Github/DanEdens

Automation Engineer
Software Developer in Test
Site-reliability & Monitoring

Self Sufficient and Driven Software Engineer with a focus on Automation.

- Experienced Leading Teams or Operating Independently in high-stress Environments.
- 10+ years Experience in Testing and Data collection.
- 5+ years Experience in Python, JS, and Mobile development.
- 5+ years Experience engineering pipelines and Automated testing frameworks.

Working as an Automation engineer for Minim has been characterized by a relentless pursuit of automation and efficiency in the realm of testing Modem/Router firmware. This role allowed me to dive deep into the intricacies of networking technology and automation tools. I added value to Minim's Test practices by Reducing labor costs and greatly improving transparency.

During my time with Geo-Instruments, I managed the Texas regional branch and was responsible for maintaining Sensor networks on Construction sites. I gained experience leveraging AWS and CI/CD assets to ensure continuous data collection and facilitate the roll-out of new features while working in high-risk environments.

I am proven under fire, having responded to Emergencies and large scale efforts. Supporting engineering teams with early detection of structural movement, and reliable Automated measurements. Additionally, I have developed and deployed several internal Software projects to help ensure the Customer receives accurate and timely Data. I enjoy dreaming up new accessibility options and distraction-free triggers to make mobile tools more practical, specifically in locations where safety is a concern.

In-comprehensive list of tools I have utilized in Production:
- Python, NodeJS, C#, CRBasic, Powershell, SQL, REST, and MQTT
- Code Review, Agile life cycle and Documentation best practices
- Cloud platforms including Atlassian, Azure, Gitlab, and AWS
- Network tooling including OpenWRT, CDRouter, Jperf, and CMTS

View My Portfolio on Github

Work Experience

Minim - QA Automation Engineer
09/2022 - 9/2023

Seasoned QA Automation Engineer dedicated to ensuring product quality through rigorous testing. My role involves:

- Automated testing of firmware, GUI's, and mobile apps.
- Bug reporting, verification, and regression testing.
- Extensive Firmware/Hardware/Platform Testing.
- Strategic design and execution of test plans.
- Rapid resolution of network/test environment issues.
- Creating and executing device verification test plans.
- Collaborating with QA, Software/Firmware, and Tech Support Teams.
- Developing automation scripts in Enterprise environments.
- Automated testing for Mesh products, Docsis modems, and WiFi throughput
- Transitioning manual testing to automation.

Geo Instruments - Project Coordinator
06/2018 - 09/2022
Geo-technical Instrumentation and Automation Specialist

- Experienced Operating Independently, Operated a remote office for 3.5 years.
- Experienced Traveling and responding to Emergencies.
- Worked directly with Clients to develop project plans and deliver Data to Users.
- Provided Remote Training's and Troubleshooting Support, and Developed Web Interfaces to customer specifications.
- Installed monitoring equipment in Industrial and Construction Environments, gaining skills with:
  - Troubleshooting Hardware, Networking, Databases, and developing Test Automation using Azure DevOps and AWS.
- Developed Desktop, Cloud, and Mobile Apps to assist with Data collection, Issue visibility, and Inventory Management, Risk mitigation, and Compliance Documentation.

Chili's Grill and Bar – Test Kitchen Lead Prep Cook
06/2014 - 06/2018
Lead Prep team, Chili's Test location in Castle Hills, TX.

- Took Key part in Franchise showcases and assisted during Marketing events such as filming TV commercials.
- Worked with Corporate to help Field test new Products and Improve upon standards.
- Developed Mobile Apps for Kitchen Use:
  1. Hands-Free Recipe App for Kitchen Tablet.
  2. Mobile App for automatic Cooling logs, oven timer control, and recording accuracy of Daily On-hand Food Quantities.

AMEC Earth & Environmental - Laboratory Technician
08/2013 - 04/2014

Performed laboratory testing on concrete and soil samples.

- Collected data and maintained reports for tests on Concrete samples.
- Managed Sample Storage, Test Scheduling, and Limestone environment maintenance.