**Dan Edens**  
  
**Contact Information**  
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Automation Engineer  
Software Developer in Test  
Site-reliability & Monitoring  
  
[> Full Version of this Resume can be found here](https://codepen.io/danedens/full/ZExrjqV)  
  
*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 Test 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 and Mobile app Testing. 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, improving transparency and adding modern structure.  
  
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](https://github.com/DanEdens/Resume/blob/main/Portfolio.md)

## 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**03/2013 - 03/2014  
  
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.