

# Dan Edens

Software Engineer Project Manager DevOps & Monitoring Fall River, MA 02720 DanEdens31@gmail.com (469) 636.7704 Github/DanEdens

# Self Sufficient and Driven Software Engineer with a focus on DevOps Automation

- Experienced leading Teams, or Operating Independently in high-stress Environments
- 4+ years Experience in Project Management and working Remotely
- 4+ years Experience in Python, NodeJS, and Java development
- 2+ years Experience engineering DevOps Pipelines and developing Testing Software.

During my time Remotely maintaining Sensor networks across Construction sites, I have gained experience leveraging AWS and CI/CD pipeline assets to ensure continuous data collection and facilitate the rollout of new features while working in high-risk environments.

I am proven under fire, responding to Emergencies and supporting engineering teams with early detection of structural movement. Additionally, I have developed and deployed several internal Mobile Apps 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.

Incomprehensive list of tools I have utilized in Production:

- Python, NodeJS, Java, CRBasic, SQL, REST, and MQTT
- DevOps CI/CD, Containerization, and Documentation generation
- Cloud platforms including Azure, Gitlab, and AWS

# View My Portfolio on Github

## Geo Instruments - Project Coordinator -

Position: Project Coordinator

Description: Geotechnical 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 Trainings 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 - Lead Prep Cook -

Position: Lead Prep Cook

Description: Lead Prep team, Maintained Show-ready kitchen for Chili's Test location in Castle Hills, TX

06/2014 - 06/2018

06/2018 - Present

Worked with Corporate to help Field test new Products and Improve upon standards

Developed Mobile Apps for Kitchen Use:

- Hands-Free Recipe App for Kitchen Tablet
- 2. Mobile App for collecting Cooling log Data and scheduling Oven timers
- 3. Mobile App for collecting Data on the accuracy of Daily On-hand Food Quantities

### AMEC Earth & Environmental - Laboratory Technician -

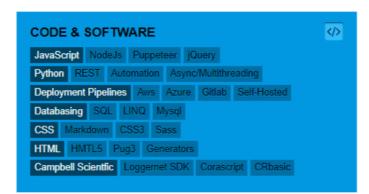
08/2013 - 04/2014

Position:Laboratory Technician

Description: 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





### Monitoring Portfolio

#### Fuji Vegetable Oil Tunneling Project News Article

- Tunneling Monitoring below 14 lines of Railroad
- Provided the client with Settlement data during Operations

Aug 2021 - Apr 2022

#### 425 Riverside Excavation Monitoring

Related News Article

- Diaphragm wall project in Downtown Austin, Tx
- Data used to verify design loads during construction, resulting in the elimination of a row of anchors

May 2019 - Jun 2020

### Atoka Pipeline Repair Related News Article

- Tunneling project to relocate a
- Water pipeline underground Installed 2 AMTS systems to monitor the active water pipeline during blasting activities

Jul 2019 - Jan 2022

#### Government Center Parking Garage

Related News Article

- Load Test performed on supports affected by the Government Center Garage collapse in Boston, MA - Deployed MPBX Laser systems
- and String potentiometer during testing

May 2022

#### MSE Wall Repair Project Spotlight

- I oversaw Settlement Monitoring during repair of a collapsed MSE wall in Fort Worth, TX
- Settlement was monitored using Tiltmeters and Automated Total Stations during the wall's repair

### Capitol Complex Excavation Project Website

- Excavation monitoring in Downtown Austin, Tx. Installed AMTS systems, Tiltmeters, Automated inclinometers, and Vibration

Monitors.

Mar 2018 - Jul 2022

#### SH288 MSE wall failure Related News Article

- Provided the client with SAA and Piezometer data during operations
- These were used to monitor for additional settlement and the height of the water table during Emergency repairs

Apr 2021 - Oct 2021

### Columbia-Lock and Dam -**Emergency repairs** Project Spotlight

Emergency Repair of an Army Corps of Engineers' Lock and Dam Provided Equipment troubleshooting and Live Data monitoring for the repair team Developed a Grout logging app for Crew working in heavy storming Deployed Piezometers and Tiltmeters 40 feet underwater on the Dam's slab

Nov 2018 to Feb 2019