

# Jonathan T. Prell

[jonprell.com](http://jonprell.com)

Cincinnati, OH

[www.github.com/JTP709](https://www.github.com/JTP709)

Full Stack Web Developer with a passion for JavaScript and four years of diverse professional experience in the field of Health and Safety as an EHS Professional. Looking to leverage my drive for continuous improvement into a new career as a Full-Stack Engineer.

## Skills

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- **Programming, Database, and Markup Languages:** Python, JavaScript, PostgreSQL, HTML5, CSS3
- **Frameworks and Libraries:** Flask, jQuery, Knockout.js, Bootstrap
- **Additional Skills:** Linux (Ubuntu distribution), AWS (Lightsail), Apache2 HTTP Server, Google APIs

## Projects

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**Portfolio Site** [GitHub Link](#) *November 2017*

- Professional portfolio site to provide prospective employers an opportunity to review my professional work.
- Deployed on a Python/Flask back-end and jQuery front-end.

**Emergency Event Manager** [GitHub Link](#) *October 2017*

- Real-time event mapping app to assist an Emergency Manager during a major disaster event.
- Built using Knockout's JavaScript library and MVVP framework, Google's JavaScript API, and FourSquare's API.

**Safety Management System** [GitHub Link](#) *August 2017*

- Compliance system to help small businesses easily manage their recordkeeping within regulatory guidelines.
- Deployed using Python with PostgreSQL back-end architecture, 3<sup>rd</sup> party authentication, and Bootstrap front-end UI.

## Work Experience

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**Amazon.com** *September 2015 – October 2017*

**Safety Specialist** *Hebron, KY*

- Collaborated with operations team across 7 departments to reduce night shift injuries by 50% through training, concise reporting methodologies, and proactive engagement of the 1,500+ associates.
- Deployed StrongArm Tech's FUSE Platform to achieve a 33% reduction in injuries in the most high-risk departments and 0 muscle strain or ergonomic-related injuries for the associates participating in the program.
- Coordinated with Vaculux and Amazon Engineering to pilot a new material handling solution that generated a 10% increase in productivity with zero injuries on two test stations.

**Marathon Petroleum Company** *August 2014 – August 2015*

**Health, Environmental, Safety and Security Co-Op** *Detroit, MI and Cincinnati, OH*

- Authored site-specific emergency response procedures, facilitated emergency management training across 4 shifts, and coordinated with external emergency response agencies including the Cincinnati Fire and Police Departments.
- Collected noise dosimetry sampling data and produced a noise isopleth for the 250-acre MFD Refinery.

**Barnes Aerospace** *September 2013 – May 2014*

**Environmental Health and Safety Co-Op** *West Chester, OH*

- Participated in 2 Kaizen events that reduced employee exposure to air contaminants by 66% while reducing waste.
- Inventoried 200+ individual machine items then rebuilt the work order system to reduce redundant work orders by 33% while improving regulatory compliance documentation processes.

**Kentucky Army National Guard** *February 2006 – February 2008*

**Signals Intelligence Analyst**

*Louisville, KY*

- Produced detailed analytical datasets from metadata intelligence for the 20<sup>th</sup> Special Forces Group (Airborne).
- Partnered with NCO Leadership in field support tasks during high-risk airborne operations with 0 injuries.

## Education and Certification

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**Udacity** [www.udacity.com](http://www.udacity.com)

*November 2017*

**Eastern Kentucky University** *Richmond, KY*

*August 2015*

*May 2012*