

# KRISTIAN IAN SMITH

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## Software Engineer | Software Developer | Web Developer

**BS-educated Software Engineer** with **3** years of professional experience working in web development and programming in the private sector.

Well-versed in helping software companies begin triaging and generate solutions for bugs reported by end users.

## TECHNOLOGICAL SKILLS

- **Programming:** Angular, React, Javascript, HTML, CSS, Ember JS, SQL, Python, Django, Backbone
- **Collaboration Tools:** Slack, Confluence, Zoom, Teams, Zulip, Google Meet, Bitbucket, Github
- **Tools/Libraries:** Git, Node JS, Bootstrap, Express JS, jQuery, Yarn, Docker
- **Applications/OS:** VS Code, MS Office Suite, ChatGPT Prompting, macOS
- **Database:** Postgres, MongoDB

## PROFESSIONAL EXPERIENCE

### Software Engineer (Remote)

May 2022 - Present

Q2 | Austin, Texas

Size **2,242** colleagues worldwide | **\$565.7 Million** revenue in 2022

- Utilize intricate knowledge of component lifecycles, and observable handling to refactor the existing production frontend to be more performant and visually aesthetic.
- Utilize third party components and styling to improve functionality and accessibility.
- Developing mobile frontend solutions in iOS and Android.
- Triage and debug frontend issues reported by end users and QA.
- Work in an agile environment on a team of **10** with daily meetings.
- Work directly with Q2 product owners and design teams to gather requirements for bug resolution in features.

### Software Engineer (Remote)

June 2021 - May 2022

Eagle Eye Networks | Austin, Texas

Size **300** colleagues worldwide | **\$84 Million** revenue annually

- Integrated Jaeger-Client and Opentracing into Dockerized Django framework to trace spans in the middleware using python to trace **1%** of middleware calls.
- Improve loading time of client dashboard by **50%** by staggering api calls for devices needed using javascript, Backbone JS.
- Restored full functionality to deprecated video history browser play/pause, fast-forward, rewind, skip forward, skip backward, next image, previous image buttons.
- Triage and debug frontend and backend issues reported by end users across all ends of the website.
- Work in an agile environment on a team of **30** with daily meetings.
- Work directly with EEN product owners and design teams to gather requirements for bug resolution in features.

**Developer | Geologist | Soils Lab Manager | Inspector**  
**Capital Geotechnical Services PLLC.** | Austin, Texas  
Size **5** colleagues | **\$1.1 Million** revenue annually

**February 2017 - March 2021**

- Developed soils lab calculator using C# to reduce daily lab calculations from **60** minutes to **5** minutes, recouping **4.5** hours a week.
- Managed team of **3** geo-technicians for **8** soils lab tests, lab responsibilities and **7** field tests.
- Communicated and coordinated with various project managers and drill rig owners/operators daily.
- Concrete, asphalt, road base, and rebar field testing and inspection with ACI and APNGA certifications.
- Maintained and calibrated laboratory and field testing tools/equipment.
- Logged boreholes and selected soil samples/specimens for lab testing weekly.
- Prepared final client report's vicinity, county, geological, and lab testing data in MS Suite.

**Geophysicist**  
**Borehole Seismic LLC.** | Houston, Texas  
Size **25** colleagues | **\$25.5 Million** revenue annually

**August 2015 - October 2016**

- Collaborated with in-house software engineers to develop new features that increased accuracy in grouping seismic data by **200%**.
- Worked with a team of **20** geophysicists, creating microseismic data reports in the oil and gas industry.
- Accurately grouped and filed **1,000** images of P-wave and S-wave microseismic data an hour.

## Portfolio Apps

You can also view a polling app I've recently developed with **Angular** at the link below:

[https://ktoolss.github.io/ks\\_portfolio/pollquest.html](https://ktoolss.github.io/ks_portfolio/pollquest.html)

**OR**

You can also view a polling app I've recently developed with **React** at the link below:

[https://ktoolss.github.io/ks\\_portfolio/thoughtnest.html](https://ktoolss.github.io/ks_portfolio/thoughtnest.html)

## EDUCATION

**Bachelor of Science Geology** | University of Houston (2012 - 2015)

**Full Stack Software Developer Bootcamp (Remote)** | Austin Community College (January-July, 2021)