

Ethan Heyrman

Senior Software Engineer / Technical Lead

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SKILLS

Expert in: Python, Django, Flask, Git VCS, NoSQL databases (Elasticsearch), Kibana, Lucene, relational databases (Oracle), SQL, API design, mentoring, Agile practices, Linux/Unix

Proficient in: JavaScript (React), CSS (Tailwind), Rust, C#, C++, Java, Grafana, Unity

Basic in: Ruby, Blender

EXPERIENCE

TDS Telecommunications, Remote

Senior Software Engineer / Technical Lead **MAY 2022 - PRESENT**

- Technical lead for Python code repositories servicing device interactivity across a telecommunications network supporting hundreds of thousands of customers. Responsible for code standards, oversight of the assignment of code reviews, and bi-weekly deployments to a range of development and production environments.
- Develop, test, and review full stack Django, Flask, and React applications used to support in-office and customer-facing technical end users of company service assurance portal.
- Develop and manage software that uses networking protocols including, but not limited to TCP, UDP, and HTTP to communicate information to and from 1000s of network elements.
- Refine Python and Javascript development and documentation standards, as well as develop and employ agile practices used by the entire team.
- Design feature, bugfix, and code maintenance Jira tasks to be taken by developers with varying skill sets.
- Mentor interns biannually on topics of software design, development, and best success-enabling practices.
- Collaborate cross-functionally, lead dialogue, and facilitate communication with external teams to ensure end-to-end completeness and support of projects.

Software Engineer II **MAY 2021 - MAY 2022**

Software Engineer I **MAY 2020 - MAY 2021**

Software Engineer Intern **JUNE 2019 - MAY 2020**

EDUCATION

University of Wisconsin – Madison, Madison, WI - *BS Computer Science, Geology*

SEPTEMBER 2014 - MAY 2020