Chad Jemmett | Backend Software Engineer

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SKILLS

Python | Django | Javascript | Linux | PostgreSQL | REST API Development

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PROFESSIONAL EXPERIENCE

Software Engineer | Lofty | Fayetteville, AR   **Jan 2023 - Feb 2023**
- Used Python, Flask to build microservice API to accept and process GeoJSON.
- Developed tools using Jupyter Notebook, Docker, and SQL.
- Collaborated with frontend developers to provide clear, logical user experience.

Software Engineer | Wehco Media, Inc. | Fayetteville, AR   **Jan 2020 - Dec 2022**
- Developed features and fixed bugs on 18+ digital news properties to improve user experience and generate subscriptions.
- Sole developer on PromoBuilder, a Django project. The project apps allowed subscription purchases for 350,000+ customers.
- Collaborated with developers, marketing, sales, and editorial staff in fixing bugs and developing features.
- Maintained a relational database. Wrote SQL queries to generate reports. Enabled efficient data reporting on short notice.

Web Development Teaching Assistant | Lambda School | Remote   **July 2019 - Jan 2020**
- Oversaw team of 6-8 students. Teams emulated a real work environment using an agile methodology.
- Provided daily and weekly feedback on students' class assignments over the five week class.
- Conducted one-on-one weekly code reviews and progress reports for each student. Communicated student progress to Section Leader.

PROJECTS

Software Developer | PromoBuilder
Group of apps that allows marketing staff to build website subscription pages for individual markets.
Python | Django | Javascript | Django Templates | PostgreSQL | HTML | CSS
- Developed RESTful API to share data with third-party platforms, allowing accurate data reporting on existing and new subscribers.
- Updated Django Admin Dashboard to allow new subscription settings required by third-party customer data platforms.
- Developed a custom Django Admin filter that allowed circulation staff to filter 20,000+ subscriptions using marketing codes. Improved efficiency for marketing staff's generation of sales reports.
- Wrote Unit and Functional tests to ensure correct behavior. Tested future-proof Django applications and avoided future bugs or failures.
- Maintained a production and development server using Linux tools to update and improve remote software.

EDUCATION

BloomTech (formerly "Lambda School")
Full Stack Web Development & Computer Science   **Aug 2018 - Apr 2019**

Weber State University
Bachelor of Science in Communication