Tommy Wilson

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Technical Skills

Languages: JavaScript, Python, SQL, HTML, CSS
Frameworks/Technologies: React, Flask, Django, Node/Express, PostgreSQL, AWS S3, jQuery, Bootstrap
Skills/Tools: Test Driven Development, Agile Methodologies, Pair Programming, Git, GitHub, Insomnia

Summary

I'm a software engineer with a non-traditional background in the music and fashion industry. In my pursuit of exploring new creative mediums, I came across programming and fully embraced it. I'm eagerly looking for a company where I can apply and grow my skills as part of a team.

Software Engineer Experience

RITHM SCHOOL   Remote
Software Engineer Intern   May 2023 – June 2023
- Implemented new features and bug fixes across a sophisticated live production codebase, written with Python and Django, that services students, staff, and admin alike.
- Built an admin action that allowed for batch publishing of resources, and implemented a visual indicator that represented who was responsible for publishing.
- Engineered a Slack integrated bot that uses a cron job to notify an instructor when a resource wasn't published within a given time window.
- Wrote tests and worked with factories to maintain 98% coverage for every feature added.
- Utilized agile methodologies, participated in daily stand ups, and engaged in week long sprints.

Technical Projects

Jobly
Full-stack job-seeking application written with JavaScript, Node.js, Express, React, and PostgreSQL.
- Employed Test-Driven Development practices, ensuring 95% test coverage or better.
- Created RESTful APIs to communicate with the front end.
- Implemented login/signup authentication using JWTs.

Warbler
Twitter-like clone written with Python, Flask, and PostgreSQL.
- Worked with SQLAlchemy to build relational databases and handle database queries.
- Practiced the process of storing and hashing information securely using Bcrypt.
- Protected routes to ensure the security of users.

Additional Work Experience

PATRICIA RAE   Houston, TX
Owner/Entrepreneur   June 2017 – January 2023
- Put together comprehensive tech packs that covered fabric types, sizing requirements, and product details for formal manufacturing.
- Built an organic online community upwards of 6k people with no purchased ad-space.
- Created and managed advertisement materials for product rollouts.
- Designed unique garments from scratch using Photoshop.

UNIVERSAL RECORDS   New York, NY
Tour Manager/Musician   March 2012 – June 2017
- Maintained accurate and up-to-date accounting regarding venue capacity, tickets sold, merchandise sold, tax rates, album sales, and any other pertinent information that was requested.
- Coordinated daily schedules to maintain punctuality across multi-hour drives.
- Established clear communication across a wide range of personnel from venue staff to label executives.
- Upheld the terms of daily financial contracts with venue representatives.
- Effectively balanced these tasks while performing as a band member.

Education

RITHM SCHOOL   San Francisco, CA
Immersive Software Engineering Program   June 2023