

James Fitzgerald

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SKILLS

- **Languages:** JavaScript, TypeScript, HTML, CSS, Python, C#, GraphQL, SQL
- **Technologies:** React, Next.js, Prisma, Node, Tailwind, Flask, FastAPI, SQLAlchemy, PostgreSQL
- **DevOps:** Git, Linux, Docker, CI/CD, Ansible
- **Other:** Object-oriented and functional programming, Jest, pytest, XUnit, Godot

PROJECTS

Rebook

Developed an e-book reader application using React with bookmarks, highlights, and annotations, all of which can be exported to markdown. Utilized hooks and functional components to ensure a maintainable codebase.

Games

As a participant in several game jam competitions, I have successfully designed, developed, and shipped four unique games using technologies such as Godot, providing me with valuable skills in rapidly iterating on ideas, **working under tight time constraints, and finishing projects.**

Open-source Contributions

Actively contributed to the open-source community by implementing new features, updating documentation, creating test cases, and **collaborating with a team to resolve issues** in projects such as KMK firmware.

PyWinModal

Developed a productivity tool for Windows that allows users to easily execute user-defined commands through a customizable modal popup. The modal's simple API facilitates easy customization and extensibility, demonstrating my **proficiency in creating user-friendly solutions for real-world problems.**

Homelab

I have experience in planning and maintaining a home server with over 20 containerized services, including a PostgreSQL database, a self-hosted GitHub alternative, and a Docker management frontend. This project has given me **hands-on experience with industry technologies** such as Linux, SSH, and Docker.

WORK EXPERIENCE

Appen Limited

2016-Present

Internet Analyst

Remote

- Assist with evaluation of user data to improve services for one of the largest search engines in the world.
- Assess the quality of service responses to user actions in accordance with complex parameters.
- Construct detailed and technical comments outlining the reasoning behind my decisions.
- Complete work adhering to performance expectations measured through monthly reviews

Free I.T. Athens

2014-2016

Volunteer

Athens, GA

- Volunteered with a team of IT professionals to provide free IT services to the community.
- Helped diagnose and resolve technical issues, and provided technical support and advice to customers.
- Demonstrated proficiency in working independently, taking initiative in various tasks and responsibilities.
- Trained other volunteers in problem-solving and computer-building techniques.

INTERESTS

Game design & development, culinary arts, music, homelabs, custom-built keyboards, learning new things