James Fitzgerald

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# SKILLS

* **Languages:** JavaScript, TypeScript, Python, SQL, HTML, CSS
* **Technologies:** React, Next.js, Node, Flask, FastAPI, SQLAlchemy, PostgreSQL
* **DevOps:** Git, Linux, Docker, CI/CD, GitHub Actions, Ansible
* **Other:** Object-oriented programming, Agile, Jest, pytest

# WORK EXPERIENCE

## Invisible 2024-Present

*Python Developer, TypeScript Developer, Quality Assurance Remote*

* Design and develop internal tooling built with React to assist multiple teams with the QA process.
* Design high-quality software solutions across various domains for use in LLM training.
* Implement designs while adhering to rigorous test-driven development processes.
* Conduct code reviews to enforce rigorous quality standards and adherence to Python best practices.
* Provide personalized feedback to junior staff to promote skill development and improve code quality.

## Freelance Web Development 2020-Present

*Full-stack Web Developer Remote*

* Designed, developed, deployed, and maintained websites according to client specifications.
* Utilized modern web technologies including JavaScript ES6, CSS3, HTML5, React, and Next.js.
* Provided clients with customized CMS portals backed by technologies such as PostgreSQL and S3.

## Appen Limited 2016-2024

*Internet Analyst Remote*

* Assisted with evaluation of user data to improve services for one of the largest search engines in the world.
* Developed a tool to automate frequent and repetitive processes, improving personal productivity by over 25%.
* Constructed detailed technical comments outlining the reasoning behind my decisions.
* Completed work adhering to performance expectations evaluated through monthly reviews.

## Free I.T. Athens 2014-2016

*Volunteer Athens, GA*

* Helped diagnose and resolve technical issues while providing 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.

# PROJECTS

## [Open-source Contributions](https://github.com/jawfish)

Contributions to the open-source community including new features, documentation, test cases, and collaborating with a team to resolve issues in projects such as [KMK firmware](https://github.com/KMKfw/kmk_firmware).

## [Klink](https://github.com/Jawfish/klink)

Social media microservice backend utilizing both REST (Python, FastAPI) and EDA (Go, RabbitMQ) featuring automated end-to-end testing, centralized logging, and containerized deployment.

## [Rebook](https://rebook.jawfish.dev)

React ebook reader with bookmarks, highlights, and annotations, all of which can be exported to markdown, utilizing modern React standards like hooks and functional components to ensure a maintainable codebase.

## Server Management

Planning, deployment, and maintenance of servers with containerized services such as GitLab, PostgreSQL, and Fluentd, providing hands-on experience with industry technologies.