

# James Fitzgerald

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Athens, GA



<https://jawfish.dev>

## SKILLS

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- **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

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### 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

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### [Open-source Contributions](#)

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](#).

### [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](#)

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.