

# Christopher Perkins

## Software Engineer

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📍 Easton, Pa

## Skills

### Backend

Node.js, Ruby, Golang,  
PostgresSql, MongoDB, Restful  
APIs, Express, Sinatra, Jest,  
Minitest

### Frontend

Javascript, Typescript, React,  
CSS, HTML

### Other

Git/Github, Docker, Nginx, AWS  
(EC2, ECS/Fargate, Lambda,  
CDK, S3, IAM, RDS),  
DigitalOcean Droplets

## Education

### Software Development & Full-Stack Web

Development, Launch School

2022 – 2024

A multi-year mastery-based  
curriculum teaching full-stack  
engineering fundamentals  
from first principles

## Certificates

- CompTIA Network+
- CompTIA Security+

## Technical Experience

### Creator, Software Engineer, Reverb [🔗](#)

2024

*Reverb is an open-source event-based asynchronous workflow engine that orchestrates complex, multi-step background jobs in a distributed manner.*

- Containerized server code for local testing and deployment to AWS cloud infrastructure (Docker, Compose, ECS/Fargate)
- Implemented a wrapper around CDK core methods, reduced an 152 step AWS deployment to one command
- Created a standardized starter repository for custom user code, streamlining development processes, and published a NPM package for effortless replication with a single command
- Engineered Github Action to automate the deployment of custom user code, leveraging lambda invocation for seamless execution. This streamlined a previously cumbersome four-step process into an automatic workflow triggered by Github pushes
- Developed a versatile CLI tool to seamlessly interact with Reverb's REST APIs, facilitating efficient log filtering and searching. Additionally, encapsulated the CDK project for streamlined deployment, consolidating all relevant commands into a single, accessible location. (Node.js, Typescript, OCLIF)
- Collaborated with an International team of four engineers asynchronously via daily standups and mob programming (Git/Github, Slack, Trello)
- Authored technical case study [🔗](#)

### Software Engineer, Open Source Projects

2022 – 2024

*Developed various personal and open-source web applications.*

- *HTTP Hoarder*: A tool for inspecting webhooks and HTTP requests (Node.js, Express, PostgresSql, MongoDB)
- *HTRB*: Library that provides a domain specific language for hypertext templating similar to JSX (Ruby)
- *Blink Out*: Web based game of turning off lights in a 6x6 grid (Ruby, Sinatra, PostgresSql)

### Deskside Technician, Stefanini

2021 – 2024

*Provided front-line technical support in Nike's logistics operations, ensuring smooth productivity through swift issue resolution.*

- Engineered software to detect duplicate print jobs on a Zebra ZT610, streamlining problem ticket diagnosis.

## Other Experience

### Department Manager, Walmart

2007 – 2021

*Led an eight-member team in Entertainment, driving security, inventory management, and shrink reduction aligned with store goals.*