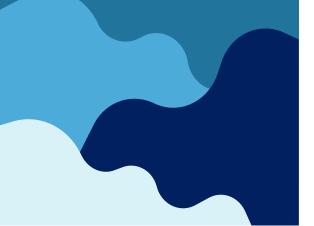# Matthew Sisserson

A full stack web application software engineer with 3 years of experience in customer success, focused on end-to-end application development.

📍 Hiram, OH / Pittsburgh, PA
Born in New Zealand; raised on the Island of Palau

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in matthewsisserson

⧉ MASisserson

LANGUAGES KNOWN

Backend: Node.js, Express.js, Python, Django, Ruby, Golang, SQL, PostgreSQL, RESTful APIs

Frontend: TypeScript, Next.js, React, Redux, HTML/CSS, Jest

Other: AWS, Docker, Git, Linux, Bash, Architecture, Infrastructure, Prototypes, Figma, Terraform, novice Japanese

SELECTED EXPERIENCE

Creator, Software Engineer | Otto | www.otto-etl.com | 2022 – Now
Created an open-source, web-based, automated ETL workflow manager capable of extracting 200K+ PostgreSQL database rows, transforming that data, and loading it at scheduled intervals.

- Led stand ups, sprint planning sessions, and weekly retrospectives for a four-person remote team.
- Containerized application using Docker which allowed installation without setting up databases and environment variables, achieving an 70% reduction in installation and configuration time.
- Generated a recursive workflow execution algorithm enabling parallel task executions and increasing workflow's max nodes from 5 to 30+.
- Built a drag-and-drop node-based user interface using React, React Flow, and Material UI that allows users to design workflows through creating, editing, and deleting nodes.
- Enabled users to join and transform extracted data by constructing a system for acquiring and executing arbitrary user code against multiple sources of data using Node.js VM and Code Mirror 6.

Software Engineer | Open Source | 2024 – Now
- Contributing to MLStacks, enhancing stack validation processes (Python, Terraform)

Software Engineer | Self-Employed | 2020 – Now
- Independently developing Evently: A SaaS event scheduler that collects customer data and sends customer notifications hosted on AWS (Next.js, React, Ruby on Rails, AWS, EC2, S3, IAM)
- Leading design on a professional platform that would organize and collect agreements, legal documents, messaging, and invoices for contractors and their sub-contractors in preparation for tax season. (React, Ruby on Rails, PostgreSQL, AWS, EC2, IAM)

Laboratory Technician | Hiram College | 2015 – 2019
- Developed a custom filter holder and black box, which increased spectrophotometer effectiveness by 250% and saved the lab $20,000 in equipment expenses.

Media Center Technician | Hiram College Tech Center | 2017 – 2019

Resident Assistant | Hiram College | 2016 - 2018

Admission Office Clerk and Tour Guide | Hiram College | 2015 – 2017

EDUCATION

Launch School Core & Capstone Completion | 4.0 GPA | Aug. 2023

Hiram College | Bachelor of Arts in Biochemistry **|** 3.76 GPA | May 2019