

# MATT ANDERSON

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Full Stack Engineer specializing in Go, Python, and Docker.

## EXPERIENCE

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### DeploySolo

Jan 2024 – Present

SaaS for Indie Go Devs Made Easy

- Engineered and launched a SaaS starter kit using Go, htmx, and TailwindCSS, enabling more indie devs to launch their passion projects.
- Cultivated a community and secured paid subscriptions, demonstrating market validation and interest.
- Independently built a simplified full software stack from first principles, proving the ability to reduce complexity.

### TIBCO Software, Software Engineer

May 2020 – Present

- Lead maintainer of MSGMX, a Python CLI tool designed to streamline the management of messaging platforms like Kafka, Pulsar, and EMS.
- Replaced complex installation methods with portable Python executables, vastly improving user experience.
- Created GitHub Actions CI/CD pipelines for automated cloud builds and tests, saving countless hours of manual building and testing.
- Helped manually update the TIBCO FTL UI, practicing Angular with a Go HTTP backend.

### Linux

2016 – Present

- Adopted neovim enhanced with custom configurations and LSP support for optimal development workflow.
- Opted for Debian for server and desktop use due to its stability and performance.
- Assembled a custom desktop environment using Arch Linux with i3, tailored for efficiency.

### Self Driving Research, IIT MMAE Department

October 2019 – December 2020

- Led software development within a multidisciplinary team of 5, creating a realistic driving simulator with dynamic, interactive traffic scenarios.
- Programmed the simulator using C# and Unity3D, incorporating moving vehicles and variable traffic signals for immersive realism.

## EDUCATION

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### Illinois Institute of Technology, BS Computer Science

2018 – 2021

- GPA - 3.6
- CS450 (Operating Systems), CS331 (Data Structures and Algorithms), MATH474 (Probability and Statistics), etc.
- Received credit for 8 college courses in HS through AP, graduating a year early.

### Data Structures and OOP TA

August 2019 – May 2020

- Hosted TA sessions for DS&A in Python, introducing concepts such as time complexity, space complexity, linked lists, trees, and more.
- Helped teach Java to introductory computer science students, including basic programming and OOP principles, such as objects, arrays, loops, and more.

## SKILLS

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- Backend: Golang, Python (Django), Docker
- Frontend: HTMX, HTML/CSS, Bootstrap, TS, Angular
- Infra: Linux, Docker