

## Employment

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### Freelance Software Engineer

### Self-Employed

June 2021

- Met strict deadlines while keeping code quality and productivity high.
- Introduced Test Driven Development practices to projects, increasing productivity and reducing technical debt.
- Improved scalability by utilizing STaaS(Storage as a Service) providers such as AWS S3.

### Junior Software Engineer

### Agentnoon Inc.

Jun 2022 – Nov 2022

- Increased user conversion rate by developing a new onboarding flow.
- Enhanced user experience by refactoring and implementing HRIS API integrations for syncing employee data.
- Implemented employee analytics, improving the user conversion rate and product-market fit as a result.

## Projects

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### Mushroom Sample Tracker

- Implemented interactive chart-based statistics for user data.
- Developed a fully specified REST backend built with **Ruby on Rails** and **PostgreSQL**.
- Created a responsive Single Page Application using **Vue.js** and an **MVVM architecture**.
- Enhanced app scalability by separating logic from components using **Pinia**.

### Web Scraper API

- Spearheaded the switch from Rails to Golang, improving concurrency and speeding up response times by 8%.
- Enhanced home page load times by 13% by using Webpack to reduce bundle sizes.
- Improved download speeds by utilizing complex algorithms to reduce file compression times.
- Extensive focus on regression testing using native testing libraries and testify.

### Commission Management System

- Developed an interactive live file management system using Rust and Vue.js.
- Wrote exhaustive documentation on both the frontend and the backend.
- Implemented an interactive calendar with statistics to improve user productivity.
- Created a Rust backend using Event-Driven Architecture.

### API Wrapper Library

- Developed reusable classes and modules by adhering to an OOP architecture.
- Used RDoc to seamlessly generate documentation from function comments.
- Improved development speeds by configuring a CI/CD pipeline using GitHub Actions.
- Collaborated with API developers to address security and stability issues.

## Education

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### Remote

### App Academy

Jan 2021 – Jun 2021

- Rigorous 1000-hour full stack web development course.
- Teaches full-stack web development; Rails, SQL, JavaScript, React.JS, MERN Stack, TDD and Algorithms.
- Assisted new students on their full-stack projects.
- Took additional classes on Data Structures and Algorithms, MERN Stack and GraphQL.

### Remote

### The Odin Project

Feb 2021 - May 2021

- Self paced web development course.
- Teaches full-stack web development; Rails, SQL, JavaScript, React.JS, TDD, Algorithms and Accessibility.