

Henry Unite

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PROFESSIONAL EXPERIENCE

Senior Software Engineer, LULA Technologies, Miami, FL

April 2023 – Present

- Revamped the internal claims processing and reduced the amount of time it took to file a claim from **days to minutes**, by integrating with different claims administrators' systems.
- Automated the process of notifying customers about their claims, by using Twilio and Sendgrid to send communication about critical steps in their claims process.
- Built a third party claims flow that reduced call volume by **hundreds of hours**, by building a single page web app for third parties to self-service their claim filings.

Full Stack Developer, LULA Technologies, Miami, FL

September 2021 - March 2023

- Built the original MVP that scaled the company from **hundreds to thousands of users**, by bootstrapping the initial version of the product on Firebase.
- Automated the process of generating thousands of insurance documents which would manually take an **average of 20 minutes** to do, by building headless chrome automations to login and download documents from the carrier's portal.
- Designed a system for teams to deploy autonomously, by adopting micro-frontend architecture and backends for frontends.

Tech stack: HTML, CSS, JavaScript, TypeScript, Python, F#, C#, Terraform, Vue, NextJS, React, .NET Core, GraphQL, Apollo GraphQL, NodeJS, Google Cloud Platform, GitHub Actions, Honeycomb, Git, Bash, Docker, Kubernetes, Postgres SQL, Big Query

Full Stack Developer, Bicycle Transit Systems, Philadelphia, PA

December 2020 - August 2021

- Built monitoring to prevent **over \$10K worth of bike assets** from being stolen on a monthly basis, by integrating with GPS modules to track bikes across multiple cities.
- Prevented bikes from being stolen in major cities, by integrating with Twilio One-Time Passcode API upon purchasing a bike pass.

Tech stack: HTML, CSS, JavaScript, Vue, PHP, Wordpress, Digital Ocean, MySQL, Python, Flask, SQL Alchemy, Ansible, GitHub Actions, Bash, Linux, Git, Swift, Java, XCode, Android Studio

Software Developer, Miles Technologies, Lumberton, NJ

May 2019 - November 2020

Tech stack: Python, Golang, AWS

- Created a text editor for custom user mentions and meta tag link extraction, by creating a WYSIWYG library from pure JavaScript and deployed as an npm module.
- Implemented a search solution that **indexed over a million records across multiple tenants**, by deploying an Elasticsearch cluster using Docker.

Tech stack: HTML, CSS, JavaScript, Vue, Elastic Search, Docker, GitLab, ASP.NET Webforms, SQL Server, Visual Basic, Docker, C#

PROJECTS

Satosa <https://satosa.com>

Stack: Rust, React, TypeScript, Remix

January 2023

Launched an MVP on Product Hunt and made it to the front page, by offering a service that manages agreements on your websites and apps with a low-friction click to accept e-signature alternative.

Striven Editor <https://github.com/striven-erp/striven-editor> Stack: JavaScript, NPM

June 2019 - November 2020

Contributed and maintained an open source WYSIWYG editor as an internship project that made it to production and was adopted by the company I was working at.