Zachary Hart

CONTACT INFORMATION

zach@zthart.me
(972) 786-5794

https://zthart.me
https://linkedin.com/in/zthart

OBJECTIVE

To empower teams in industry to automate and innovate, enabling them to focus on building and not on boilerplate

EDUCATION

Rochester Institute of Technology - Rochester, NY https://rit.edu
B.S. Computer Science August 2015 - December 2019

WORK EXPERIENCE

Okta - San Francisco, CA https://okta.com
Sr. Software Engineer - Inbox Platform Aug 2021 - Present

A member of the **Inbox** platform team (*f.k.a. atSpoke*) within Okta's **Identity Orchestration** engineering org. **Full-stack** engineer working with other internal teams to facilitate adoption of Okta's multi-channel request and notification platform. Participated in integration efforts between the atSpoke team and the existing Identity Ecosystem org, as well as growing the team through **hiring and onboarding** of new engineers. Designed and built new platform features as a tech lead, and re-designed existing functionality to peform at scale.

atSpoke - San Francisco, CA https://atspoke.com
Software Engineer II February 2021 - August 2021
Software Engineer I January 2020 - Februrary 2021

Full-stack engineer developing a **React** web application with a **Node.js** backend. Worked directly on a cross-functional team to complete a migration and redesign of the application's frontend framework from **Angular** to React. Lead technical design efforts on a number of key product features and improvements, including atSpoke's **Workflows** system. Developed and tested new features efficiently as a member of a globally distributed team, as well as a sole engineer, until the company's acquisition by **Okta** in August 2021.

Blackbaud - Charleston, SC https://blackbaud.com
Software Engineer Intern - Full Stack May 2019 - August 2019

A member of the **Data Intelligence** group, developing applications to better facilitate customer interaction with their data. Utilizing **Angular** and **.NET Core**, backed by **Azure** cloud services, migrated existing services to a microservice architecture. Developed and tested microservices in an environment with a robust Azure DevOps **CI/CD** release pipeline. Created platform services for the management and export of user-created lists of metadata-driven data.

TECHNICAL SKILLS

Languages Javascript, Python, C#, Java, Rust
Frameworks, Libraries, & Tools Express, React, MongoDB, Jest, Mocha, Flask, Requests, SQL, .NET Core GCP/AWS/Azure, Bash & Zsh
Domain Experience SaaS, IDaaS, ITSM Tools, B2B Software & Apps

PROJECTS

Sprindrift https://github.com/zthart/spindrift
A simple and performant **static site generator** written in **Rust**. Using YAML-based posts called *droplets* that support markdown-style formatting, and handlebars-like post and index templates, users can frontload boilerplate work and focus on writing posts. Droplets are read and parsed in a **concurrent and thread safe** process that can parse and convert hundreds of posts in just a few seconds.

Mizu & Potion Seller https://github.com/zthart/mizu
A duo of **RESTful API**s for the web-connected vending machines at RIT's *Computer Science House*. Written in **Python**, leveraging the **Flask** microframework, the API enables any member to drop drinks having authenticated with internal SSO. Designed and built alongside a rewrite of the web application.