Peter Virtue

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PROFESSIONAL SUMMARY

Software Engineer with two years of full-stack development experience building fast, feature-rich and user-friendly applications. Quick learner with an ability to apply previous experience and novel, creative solutions to solve problems.

SKILLS

- **Programming Languages:** TypeScript / JavaScript, PHP, Java, HTML, CSS, Ruby, Python, Rust
- **Technologies:** React, Terraform, Docker, Next.js, Redux, Tailwind CSS, Cypress
- **Databases:** MySQL, Postgres, Redis

WORK EXPERIENCE

Software Engineer, Folia Health Inc.   **May 2022 - Present**
- Architected and implemented infrastructure as code projects for Folia's main and reporting apps, modernizing the company's cloud infrastructure. This resulted in a 50% increase in application performance while decreasing cloud provider cost, by optimizing resource allocation and streamlining deployment processes.
- Designed and developed the internal reporting platform, a web app for the business organization to generate impactful and user-friendly reports from our complex dataset. Built using Vue, REST and Doctrine ORM.
- Developed a new version of the company's REST API, powering the latest versions of the company's user-facing apps while ensuring security and data integrity, leading to a marked increase in system reliability. This project was realized through integrating ORM tooling and strong data structure principles for optimal data management.

Software Engineering Intern, Vizer Inc.   **December 2020 - August 2021**
- Built new front-end and back-end features powering meal donations and statistics, allowing users to tangibly view the impact their exercise and app usage generated. Built using React Native, Redux and Ruby on Rails.
- Developed portions of the internal administration application, powering robust features ranging from in-app content management to deploying new versions of the mobile application, leading to an increase in productivity across the business organization. Built using React, Redux, Rust and Postgres.
- Increased test coverage and CI/CD pipeline efficiency for mobile and web applications by 30%, leading to a reduction in deployment errors and faster release cycles, utilizing Cypress and RSpec tooling.

EDUCATION

Bachelor of Science - BS, Computer Science, The University of Connecticut   **2018 - 2022**
- Concentration in Software Design and Development
- Dean's list for three terms, President of the Beta Theta Pi fraternity

PROJECTS

Caption Tools | Sole Developer
- Created an iOS app using Swift for editing and saving both captions and hashtag groupings for social media posts.

Connecticut Air National Guard Cyber Security Range | Contributor
- As a part of senior design project, built with a small team the backing infrastructure for the Joint Cyber Response Team's virtual training environment using Terraform and Amazon Web Services.