

Peter Virtue

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PROFESSIONAL SUMMARY

Software Engineer with experience developing fast, feature-rich and user-friendly applications. Quick learner with the ability to apply previous experience and novel, creative solutions when tackling complex 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

- Designed, developed and deployed new versions of the company's RESTful API, powering the latest iterations of their mobile and web apps while ensuring security and data integrity, leading to an increase in system reliability. Built new versions using ORM tooling, adhering to SOLID and strong data structuring principles to ensure optimal data storage.
- 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.

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

- Built 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.