PETER VIRTUE

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EXPERIENCE

Folia Health   **Boston, MA**
Software Engineer   *May 2022 – Present*

- Architect and implement core model and data structures integral to capturing and analyzing user-recorded personal health data. Enable robust data management through these models.
- Led the project to modernize the company's cloud infrastructure by transitioning to a streamlined and scalable system. Implemented a Terraform-based approach, orchestrating the migration to a load-balanced elastic container service, enhancing system reliability, scalability and operational efficiency.
- Implemented from scratch a continuous integration and deployment pipeline to improve deployment efficiency, code quality and time-to-market for releases.
- Collaborate with product and program teams to strategize and implement a comprehensive roadmap for feature development
- Establish and evaluate architectural designs and standards, ensuring scalability, efficiency, and reliability across the engineering organization.

Vizer, Inc.   **San Diego, CA (Remote)**
Software Engineering Intern   *January 2021 – August 2021*

- Designed and implemented intuitive features for the company's mobile application, harnessing the power of various JavaScript-based frameworks.
- Developed and integrated new RESTful endpoints in an effort to expand the capabilities of the API powering the mobile application. Implemented a comprehensive testing suite, ensuring reliability and performance.
- Played a key role in strategizing and executing the development of an in-house content management application, empowering teams to streamline their daily workflows leading to a company wide increase in productivity.

EDUCATION

University of Connecticut   Storrs, CT
Bachelor of Science in Computer Science – School of Engineering   May 2022

- Concentration in Software Design & Development, minored in Entrepreneurship.

PROJECTS

Cyber Security Range   *Connecticut Air National Guard*

- Collaborated with a small team to upgrade the backing infrastructure of the Joint Cyber Response Team's training environment from on-premises systems to AWS using primarily Terraform.
- Designed and built user interfaces for various simulated threat scenarios to streamline training.

SKILLS

Languages: JavaScript, TypeScript, Java, Python, C++, Ruby, PHP; Frameworks: React, Vue, Rails, NodeJS; DevOps: Docker, CI/CD, Terraform, AWS; Tools: Git, OpenVPN; Databases: SQL, Redis