

Patrick Rape

Software Engineer

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Skills and Other Experience

Programming Languages

- Python, React/Javascript, Go, C/C++, C#, Java, HTML/CSS, Bash Scripting

Other Technologies

- Git, Docker, Linux, Cypress, SQL, Openshift/K8s

Relevant Skills and Experience

- Agile, Leadership, Team Organization, Customer Relations, Teaching/Training

Work Experience

Shift - Software Engineer

2022 — *present*

- Designed and built greenfield Python/Django microservice used to price over 700,000 vehicles annually
- Maintain large Golang legacy codebase and migrated features to newer microservices
- Worked with data scientists to improve code quality and standardize code across organization
- Helped establish templates and coding standards for Python for entire organization

Pluralsight - Software Engineer

2021 — 2022

- Worked in .NET stack building API for mobile applications
- Migrated from older framework to modern .NET core in Docker/K8s
- Built backend for frontend to ensure API contracts with mobile applications
- Supported apps rated at over 4.5 stars

Bluehost - Software Engineer

2020 — 2021

- Helped company pivot from older stack to modern Python/Flask microservices
- Developed React web pages used to support over 2 million customers
- Worked with designers and within design system to create user friendly pages
- Lead trainings on Python for entire department of ~40 engineers
- Helped architect template for company wide Python microservices used in more than 10 projects
- Worked with Openshift for deployment of containerized applications

BYU Publications & Graphics - Programmer and DevOps

2018 — 2020

- Automated the development environment with Docker and Python to decrease wasted dev time by more than 80%
- Built internal Python and Bash tools to reduce repetitive tasks
- Worked on a team supporting websites with over 8 million collective views per year

Education

Computer Science, B.S.
Brigham Young University - Provo, UT

In Progress