

Morgan Patch

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Skills:

- Proficient: Java, JavaScript, Python, Git, REST, Node, SQL, Django
- Comfortable: C/C++, Lua, LaTeX, C#, Ansible, MongoDB, Agile, Docker
- Familiar: Rust, Go, AngularJS, Chef, ReactJS, Kubernetes, Redis

Experience:

Software Engineer - Shipwell, Inc.

07/2021 - 07/2022

- Took ownership of the redesign and expansion of the product's flagship feature
- Worked closely with customers and customer relations to solve problems they were having with the software
- Scoped, planned, broke down, and presented technical specifications of the redesign
- Helped to debug issues across the stack, including in Django, Redis, and Docker

Software Developer - Ping Identity Corp.

07/2018 - 06/2021

- Rapidly turned near-abandonware product into profitable venture by aiding in design and delivery of new requirements
- Greatly expanded product stability through development of large numbers of unit tests and close collaboration with QA
- Owned several components of the project, ensuring quality through all phases of development, including ongoing maintenance
- Improved performance by up to 500% reduction in processing time through deep profiling and performance testing
- Continued contributions to open-source software by maintaining a corporate fork and contributing fixes upstream

Intern Developer - CoreOS, Inc.

06/2017 - 09/2017

- Rapidly developed understanding of cloud technologies, including Kubernetes and Terraform, in order to deliver key bug fixes in a constrained time frame
- Reduced complexity and confusion in tracking software issues by creating a tool to synchronize data between multiple bug tracking softwares

Student Developer - Open Source Lab @ OSU

05/2015 - 06/2017

- Established the OSL as a premier Open Source Lab through leading development of a flagship Node project
- Worked closely with both clients and the open source community to establish requirements and create software designs

Junior Developer - Concentric Sky, Inc

06/2011 - 08/2014

- Learned collaborative development using Agile methodology by aiding development of Spring/AngularJS web applications
- Cut debugging time for development team by spearheading creation of a tool to aid in data visualization

Education:

Undergraduate: Oregon State University

09/2014 - 06/2018

Bachelor of Science in Computer Science (incomplete)