Morgan Patch

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Skills:

Languages

- Proficient: Java, JavaScript, Python
- Comfortable: C/C++, Lua, LaTeX, C#
- Familiar: Rust, Go

Libraries and Technologies

- Proficient: Git, REST, Node, SQL
- Comfortable: Django, HAPRoxy, Ansible, Subversion, MongoDB, Agile
- Familiar: AngularJS, Chef, ReactJS

Experience:

Software Developer - Ping Identity Corp.   07/2018

- Designed and implemented a new REST API to allow access to the existing LDAP API via HTTP requests, making the product much more accessible
- Collaborated with team to create a design for an existing project which was being changed to meet new requirements, then worked to deliver this new version in under a year
- Integrated new design work and requirements with existing legacy code, allowing fast turn around on the existing project without more rewriting than was necessary
- Ensured the stability of the project through a consistently high quality of unit tests as well as working closely with the QA team
- Took ownership of several components of the project in all phases of the lifecycle, including ongoing maintenance
- Oversaw profiling of the project and collaboration with QA to complete performance testing and improve nonperformant cases, dropping one customer's use case from over 6 seconds to under 1
- Took ownership of a corporate fork of an open-source project, maintaining the codebase and performing several releases independent of the upstream release schedule, as well as contributing fixes back to the upstream

Student Developer - Open Source Lab @ OSU   05/2015 - 06/2017

- Worked to develop, test, and advance open source software using both Django and Node
- Participated in collaborative development, both with coworkers and the FOSS community at large
- Lead development of a flagship project and co-operated with clients to develop new projects

Junior Developer - Concentric Sky, Inc   06/2011 - 08/2014

- Developed web applications using Spring REST servers and AngularJS/TypeScript/Less front-ends
- Participated in agile development using Scrum methodology
- Worked in a team setting to develop software collaboratively

Education:

Undergraduate: Oregon State University   09/2014

Bachelor of Science in Computer Science