

PHIL MARSHALL

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SUMMARY

A dedicated and results-oriented software engineer with experience in full-stack web development, software architecture, developer training, automated testing, product requirements definition, and debugging. Leverages excellent communication and organizational skills to work effectively with technical and non-technical teams. A problem solver who can quickly learn technologies and integrate with teams to iteratively improve digital products to achieve organizational objectives.

TECHNOLOGIES USED

Python, Node.js, TypeScript, Django, PostgreSQL, MS SQL, Jenkins, Docker, AWS, Selenium WebDriver, Sentry, Hosted Graphite, Grafana, Git, Jira

EXPERIENCE

LEGACY.COM, Chicago, Illinois, **Software Engineer**, 2022-2023. **Associate Software Engineer**, 2021-2022

- Maintained and developed internal customer service applications and backend Django services that powered the company's data intake and processing
- Wrote unit tests and worked with QA and product teams to test new features
- Reviewed existing application code for refactoring and optimization opportunities
- Helped rewrite a Node.js codebase into a new, standards-compliant Django application
- Co-organized developer security awareness and developer show and tell groups
- Mentored junior software and test automation engineers
- Reviewed code submissions for correctness and readability
- Monitored application performance with Hosted Graphite and Sentry

LEGACY.COM, Chicago, Illinois, **Associate Test Automation Engineer**, 2020-2021

- Developed automated test suites for internal applications and APIs, using the CodeceptJS test framework
- Worked together with product owners and developers to clarify product requirements and identify bugs
- Manually tested new features to ensure compliance with a story's acceptance criteria
- Performance-tested internal API endpoints, using Locust and BlazeMeter

GREEN STREETS INITIATIVE, **Volunteer Software Developer**, 2019. Helped maintain an existing Django web application.

ART WORKS FOR CHANGE, **Volunteer Software Developer**, 2019. Developed a Google Apps Script that generated Trello boards based on data from answers to a Google Forms questionnaire.

TALKS GIVEN

- Vulnerable and Outdated Components (2022, Legacy.com Developer Security Awareness)
- Using Alpine.js in Django templates (2021, Legacy.com Developer Show & Tell)
- The Git object database (2021, Legacy.com Developer Show & Tell)

EDUCATION

UNIVERSITY OF MINNESOTA, TWIN CITIES, Minneapolis, Minnesota, **B.A., Math and Economics**