NICHOLAS KACHUR

Amiable Technologist

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SUMMARY

Seasoned software engineer seeking full stack roles involving a variety of impactful projects. Passionate team player who actively fosters healthy work environments.

SKILLS & INTERESTS

Languages	Python, C#, SQL, HTML, CSS, JavaScript, Perl, Bash, Zsh
Development Tools	Git/GitHub/GitLab, CI/CD Tools, Ansible, Cron, Vim
OSes, Frameworks, etc.	macOS, Linux, Windows, Django, jQuery, SAML SSO

EXPERIENCE

University of Pennsylvania   *Philadelphia, PA*
Application Developer   **October 2022 – Present**

- Improved processes and launched new capabilities by implementing web apps, data integrations, and other custom software for the engineering school's 100s of employees and 1,000s of students using Python, Django, SQL, and more.
- Automated project deployments using Ansible configuration management, including Apache and SAML SSO configuration.
- Migrated Python apps from Oracle SQL data warehouse to Snowflake cloud platform.
- Analyzed and occasionally modified legacy Perl apps to support ongoing operations.
- Collaborated with clients in other departments to understand their wants and needs.
- Presented informational project overviews at our department-wide monthly meetings.
- Actively fostered a healthy team dynamic, e.g., kickstarted an informal weekly lunch.

Susquehanna International Group, LLP   *Bala Cynwyd, PA*
Software Engineer   **June 2020 – October 2022**

- Prevented costly errors in session and connection assignments through implementing features and bug fixes in web and desktop C# management applications.
- Took ownership of an order activity monitor, completing its rollout to production and delivering new features in a Python project utilizing streamed message parsing.
- Automated business readiness reports using Python, MySQL, and HTML/CSS emails.
- Responded to production incidents as part of a weekly, business hours support rotation.
- Mentored student workers and junior teammates informally and in code review.
- Interviewed student worker candidates as part of two-person technical interview teams.
- Presented on my team's migration to GitLab for source control and CI/CD.

Test Automation Software Engineer   **January 2018 – June 2020**

- Prevented broken financial logic entering production by writing automated tests, investigating failures, and either escalating to responsible developer or fixing myself.
- Responded to build system and CI/CD help requests within my department.

Test Automation Software Co-op   **March – September 2016**

- Revised my team's integration testing harness to ease automation and scheduling.

Apple Inc.   *Cupertino, CA*

Systems Administration Co-op   **September 2014 – March 2015**

Drexel University   *Philadelphia, PA*

Assistant Systems Administrator   **April – September 2014**

EDUCATION

Drexel University, Pennoni Honors College   *Philadelphia, PA*

Bachelor of Science in Computer Engineering   **June 2018**

City of Philadelphia   *Philadelphia, PA*

Mental Health First Aid Certificate   **May 2023**

Multiple Institutions   *Philadelphia, PA*

Non-degree courses in Psychology & Social Work   **2019 – 2025**