Nathan McCandlish

Senior Software Engineer

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SUMMARY

Pragmatic, product-focused full stack dev with 8 years experience delivering robust solutions & promoting best practices

SKILLS

Languages:	Python, Postgres, Typescript, React, GraphQL, Javascript, Bash, Perl
Tools/Frameworks:	SQLAlchemy, AWS, Pytest, Git, Github, Kubernetes, Docker, Jira, Django, Celery, nginx, Redis, Linux, CircleCI, Jenkins, Github Actions, Jest, REST

EXPERIENCE

Juniper Square

Senior Software Engineer   *Apr 2020 - Feb 2023*

- Served as technical lead, speccing and delivering key engineering projects such as asset data reporting, looker integration, outlook add-in, and customizable SSO integration
- Pushed for continuous improvement: coordinated the upgrades of major python/postgres versions, decreased CI turnaround time by 70%+, and drove zero-downtime deployments
- Promoted best practices and higher engineering standards, performed design reviews across teams, mentored colleagues, and onboarded new team members

Aperio Group *(acquired by BlackRock)*

Senior Full-Stack Software Engineer   *June 2018 - Apr 2020*

- Collaborated with Portfolio Management and Research teams to build and implement project requirements for Aperio's proprietary trading platform
- Served as lead engineer for project of storing, processing, and optimizing portfolios using a new ESG investing data source
- Proposed and lead improvements for engineering standards, tooling, and processes
- Mentored other engineers and reviewed code to promote standards and maintainability

Bizowie Cloud ERP

Development Lead   *Apr 2017 - June 2018*
Software Developer   *Mar 2015 - Apr 2017*

- Gathered requirements and developed functionality for areas of business including accounting, CRM, inventory management, pricing, purchasing, AP/AR, and manufacturing
- Designed and implemented modular data import system, reducing development time to onboard new clients from days to minutes
- Quickly identified and resolved production issues e.g. bugs, deadlocks, and failing messages

EDUCATION

The University of Pittsburgh   *Apr 2014*

Bachelor of Science *summa cum laude* in Mathematics, Minor in Economics

Culver Award - University of Pittsburgh Mathematics Department   *Apr 2014*