

Peter Lavigne

github.com/Peter-Lavigne | linkedin.com/in/peter-lavigne

WORK EXPERIENCE

| | |
|---|-----------------------|
| Verily (Formerly “Google Life Sciences”), Software Engineer III | Aug. 2022 - Jul. 2025 |
| <ul style="list-style-type: none">Led project expanding access to the world’s largest genomic dataset, coordinating between vendors, the NIH, and security teams, by migrating to GDPR-compliant dependenciesTransformed testing infrastructure, improving CI success rates from 31% to 91%, reducing suite execution time from 40 to 21 minutes, and cutting CI costs by 58%Engineered an LLM-powered utility that transforms Jira bug reports into ready-to-use database seed data, accelerating bug reproduction and boosting developer efficiencyDrove architectural decisions enabling my team to cut two weeks from each release cycleImproved developer productivity across teams by optimizing build systems (minutes to seconds) and reducing on-call alert noise from 42 to 3 weekly notificationsCultivated engineering excellence by leading book clubs (software design, testing), delivering talks (OAuth/OIDC, CI/CD), and authoring essays (architecture, monitoring best practices)Want to evaluate my work firsthand? Many of my contributions were open source | |
| AppFolio, Inc., Software Engineer II | May 2020 - Apr. 2022 |
| <ul style="list-style-type: none">Achieved 65% automation of a manual task done thousands of times per day by augmenting a machine learning system with a rules systemGave multiple company-wide technical demos, including one on early generative AI toolingTaught classes on testing practices, such as what TDD is and when it is most and least usefulEstablished a bug triage and prioritization process, significantly decreasing our bug backlog | |
| Sigma Surgical, Software Engineer | Jan. 2020 - May 2021 |
| <ul style="list-style-type: none">Enabled engineers to separate development and production environments using TerraformAdded search functionality to the app using Elasticsearch and AWS lambda | |
| AppFolio, Inc., Software Engineer Co-op | Jan. - May 2019 |
| <ul style="list-style-type: none">Converted a legacy budgeting page to React and added new functionality | |
| Tamr, Inc., Software Engineer Co-op | Jan. - June 2018 |
| <ul style="list-style-type: none">Implemented features of a full stack testing infrastructure, such as CI config and Slack alerts | |

PROJECTS

| | |
|--|--|
| Orakyubu , puzzle video game | |
| <ul style="list-style-type: none">15,000+ downloads and 98% positive ratings on the Steam marketplaceCollected feedback from 25 playtesters | |

EDUCATION

| | |
|---|---------------|
| Northeastern University, Boston, MA. Bachelor of Science in Computer Science. | Class of 2020 |
|---|---------------|

SOFTWARE KNOWLEDGE

| | |
|----------------------|---|
| Languages: | Javascript, Typescript, Python, Java, Ruby, Go |
| Software/Frameworks: | React, Ruby on Rails, Spring, LLMs, AWS, GCP, Terraform |