Laurin McKenna

Full Stack Software Developer

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SUMMARY

- A detail-oriented, efficiency-driven developer with experience in web development, mobile apps, and back-end technologies.

WORK EXPERIENCE

Senior Software Engineer

Jun 2024 - Present

Afognak Native Corporation

- Designed and created the infrastructure for Kiak, an internal AI chat application used by 2k+ users daily
  (Angular, C#)
- Responsible for Kiak's system design, scalability and reliability (Angular, C#)
- Maintain and implement features for monolith company portal (C#, Angular)
- Maintain and implement system integrations
  (Azure Functions, Python, C#)

Software Dev Staff Engineer

Feb 2022 - Present

OneLogin by OneIdentity

- Created and maintained microservices (NodeJS, React)
- Maintained and implemented features (Ruby, Rails, Javascript, Docker, AWS)
- Created a microservice used by 1M+ users daily (Third-Party APIs, NodeJS)
- Reverse engineered existing applications (Ruby, Rails, React, NodeJS)
- Utilized logging aggregation systems (Sumologic)
- Utilized automation systems (Github CI/CD)
- Debugged production issues in real time (NodeJS, RabbitMQ, Rails, Ruby, Sumologic)

Analyst Programmer

Aug 2019 - Feb 2022

Local Government

- Updated property website UI to be modern and mobile friendly with Bootstrap and Javascript (Bootstrap, Javascript, CSS, HTML, VB)
- Utilized APIs to integrate data into air quality web app (Python, Github Actions, ArcGIS API, PurpleAir API)
- Created CARES workflow that awarded $24.5 million to more than 250 agencies (ArcGIS API, AdobeSign API)

Independent Developer

Mar 2018 - Dec 2020

- Created a iOS app predicting permafrost for a researcher at the GI. (Swift, GIMP, iOS)
- Created a website for ATLA, a non-profit that specializes in helping disabled persons find and use technology to overcome hurdles. (Python, Flask, MySQL, Javascript, Jinja2, HTML, CSS)

Software Developer
May 2018 - Aug 2019

Geophysical Institute

- Created web app for collecting and editing citizen science data. (Javascript, HTML, CSS, GoogleMaps)
- Collaborated on a new website in Drupal for the Geophysical Institute. (Drupal, PHP, CSS, Javascript, HTML, Python)

Computer Science TA
Jan 2017 - May 2018

Computer Science Department at University

- Grant research: engaging students in STEM
- Finding solutions and grading coursework (C++)

Accounting Assistant
Jun 2013 - Sep 2017

Local Bush Airline Business

- Moved payroll process from paper to computer by programming a time-clock in VBA. (VBA, Excel)

EDUCATION

M.S. in Computer Science
Aug 2013 - Dec 2018