Benjamin T. Lenington
Software Engineer

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Minneapolis, MN

Highly motivated software engineer specializing in cloud computing and DevOps, with a proven track record of delivering innovative designs and efficient implementations. Proficient in translating user needs into production-ready code, employing CI/CD practices, and maintaining robust test coverage. A team player with excellent written and verbal communication skills, excelling in both on-site and remote environments.

Technical Skills

- Python
- Amazon Web Services
- Microservices
- Spring Framework
- Terraform

- Java
- Microsoft Azure
- Kubernetes
- GitHub Actions
- REST APIs

- Typescript
- AI/ML
- React
- Linux
- Selenium

- Docker
- SQL
- GraphQL
- IAM
- Swagger

Professional Experience

Thomson Reuters • Software Quality Engineer • Eagan, MN • June 2024 – Present
- Led the expansion, modernization, and migration of an extensive automated testing suite for flagship Risk and Analytics products, including Fraud Detect, CaseTracker, and CLEAR.
- Fully automated a multi-stage process for validating weekly large-scale ETLs for government clients across the United States.

Career Break • Caregiver • Minneapolis, MN • Jan 2022 – Apr 2024
- Relocated to Minneapolis to provide full-time care for a family member facing significant health challenges, while also volunteering and pursuing relevant courses to stay current in the field.

Intuit • Software Engineer II • Mountain View, CA • Aug 2018 – Nov 2021
- Spearheaded the architecture design and development of the Data Lake Access Portal, which streamlined the process of requesting access to sensitive data, reducing the average request completion time by 35%.
- Developed a Java Spring Boot REST API service that automated the modification of AWS S3 security policies via Terraform and Jenkins, eliminating the need for manual edits and deployments of S3 security policies.
- Migrated critical data infrastructure components from on-site data centers to AWS, and assisted internal teams in safely migrating live production services and data pipelines with zero downtime.

Intuit • Software Engineering Intern • Mountain View, CA • May 2017 – Aug 2017
- Developed a Python-based analytics tool, processing engine, and React web UI to detect and diagnose errors in data ingestion processes involving Hadoop clusters, EMR jobs, and upstream dependencies.

Maverick Software Consulting • Software Engineering Intern • Madison, WI • Oct 2016 – Mar 2017
- Collaborated with a team of on-site student and remote software engineers to implement integration and regression testing via C# for a .NET cloud-based legal client management service.

Thomson Reuters • Software Engineering Intern • Eagan, MN • May 2016 – Aug 2016
- Deployed a comprehensive Selenium-based C# test suite for Thomson Reuters' Firm Central legal practice management software, significantly enhancing product stability and reducing deployment times by over 45%.

Wisconsin Institute for Discovery • Undergrad Lab Assistant • Madison, WI • Feb 2016 – May 2016
- Designed and programmed a handheld Arduino-based Bluetooth controller in C++, and 3D printed the physical model for a VR agricultural training simulation commissioned by SC Johnson.

Education and Training

Bachelor of Science in Computer Science • University of Wisconsin-Madison • Sept 2015 – May 2018