Adrian Leung

https://github.com/adrianleung

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Work Experience

Software Engineer 2 | Wealthsimple   January 2025 – Present

Software Engineer 2 | Intuit   August 2023 – January 2025
- Redesigned QuickBooks Online marketing experience, increasing quarterly revenue by $8M
- Enhanced sign-up interface performance by 80% via optimizations and architectural redesigns
- Developed and deployed a machine learning model, creating personalized QuickBooks Online dashboards with 80-90% accuracy to boost user productivity
- Spearheaded management of QuickBooks Online login assets, building end-to-end login REST APIs in microservice environments, and leading cross-functional teams to streamline authentication processes, enhance operational efficiency, and fortify security
- Executed the migration of APIs handling 100M+ daily request that optimized application performance and achieved multi-million dollar savings in operational expenses via reduced infrastructure costs
- Directed initiatives to improve observability, availability, and monitoring of critical login assets, reducing incidents and boosting system reliability

Software Engineer 1 | Intuit   May 2022 – July 2023
- Designed and launched a new global login system for QuickBooks products, enhancing user experience for over 7 million customers globally
- Spearheaded rigorous testing protocols and resolved critical bugs, greatly improving customer satisfaction and user experience
- Engineered and integrated a streamlined login solution that reduced development and infrastructure overheads and increased support efficiency

Software Engineer | Medi-Scribe   August 2023 – August 2024
- Created a comprehensive documentation and drug information tool that significantly reduced the time pharmacists spend on documenting prescriptions and clinical activities
- Successfully configured and provisioned cloud infrastructures on AWS, optimizing scalability, security, and performance for Medi-Scribe, ensuring robust and reliable service delivery
- Implemented a CI/CD pipeline that streamlined builds and deployments, accelerating time-to-market for Medi-Scribe products, and enhancing team efficiency and product quality

Student Software Developer | Arcurve   May 2020 – August 2021
- Contributed to developing, testing, and implementing critical software features for a multi-million-dollar project, ensuring functionality enhancements and on-time milestone delivery
- Successfully migrated applications to cloud infrastructures, enhancing reliability, performance, and achieving substantial operational cost savings
- Designed and implemented comparative testing platforms to ensure data reliability, streamline testing processes, and improve accuracy across applications
- Executed optimizations on existing applications, significantly improving system performance and responsiveness, thereby enhancing user experience and operational efficiency

Education

University of Alberta   2017 – 2022
- Bachelor of Science in Computing Science - Business Minor - Science Internship Program

Technical Skills

- Language: Java, JavaScript/TypeScript, Python, Go, HTML/CSS, C
- Library/Framework: Spring, Node.js, React, ExpressJS
- Infrastructure: REST API, GraphQL, Git, AWS, Terraform, Docker, Unix
- Database: SQL, NoSQL