TYLER VALLILLEE, MBA B.Math

tylervsd@icloud.com
www.tylervallillee.info

San Diego, CA

SUMMARY

Innovative team leader who has delivered high-volume customer-facing experiences across both web and mobile platforms:

- Led organizations of **over 40 employees** with revenue in excess of $1B
- **World-class team engagement**, presented change management and leadership strategies at 200+ attendee all-hands events
- Recognized with a **CEO Team Sport award** for cross-organization collaboration
- Increased organization **velocity 50% and uptime to 99.99%** by introducing new technologies (ie. Kotlin, micro-services) to transform monolithic technology teams

EXPERIENCE

Engineering Group Manager, Intuit, Inc; San Diego, CA — 2012 - Present

- Leader for the Tax Experiences team at Intuit, a staff of over 40 engineers (2 managers) who design and implement full-stack TurboTax customer facing experiences that bring in **over $1B in revenue**
- Delivered high-volume customer experiences using **Spring Boot, Java, Kotlin, and React** using **Kubernetes** on **AWS**. Implemented auto-scaling to reduce infrastructure costs and automate CI/CD pipeline.
- Drove the **mobile syndication of TurboTax Online** for second & third party partners, highlighted by the integration of TurboTax into Credit Karma, which introduced millions of Credit Karma members to TurboTax. Introduced **iOS and Android** integration capabilities & patterns.
- Change leader who drove the **modernization of the TurboTax monolith** into micro-services, led the first customer-facing Intuit AWS cloud migration, and introduced Kotlin to TurboTax
- Recognized with a **CEO Team Sport award** for driving the technical response to Covid Stimulus regulations, which delivered 3 new customer-facing experiences that enabled hundreds of millions of dollars of stimulus funds to flow to customers
- **Raised the engagement** of the Electronic Filing team from the lowest quartile to world class in 12 months, delivering 50% improvements in quality and velocity. Presented managerial best practices across Intuit
- Leader of the Electronic Filing team at Intuit, responsible for processing over **100 million tax filings** with a staff of 30 engineers
- Season readiness champion for TurboTax, working with partner teams internal and external to Intuit to improve **user-centric resiliency**. Increased uptime of core tax experiences to 99.99%.
- Designed services to store and access data stored in a **massive Cassandra data cloud**
- Guided update of TurboTax Online to a **multi-datacenter Active/Active architecture**

Staff Software Engineer, Intuit, Inc; San Diego, CA — 2009 - 2012

- Led the transformation of the TurboTax Online Java stack from Apache Tomcat to Spring
- Implemented scaling strategy for Oracle TurboTax Online database to support over 30m users
- Designed and coded Spring services to provide real-time user information to internal partners

Lead Software Engineer, Eventful, Inc; San Diego, CA — 2006–2008

- Created the search infrastructure for the Eventful website using Apache Tomcat and Lucene, which handled millions of search requests a month
- Delivered automated event validation workflow using Amazon Mechanical Turk

Lead Software Engineer, Cymer Inc; San Diego, CA — 2003-2006

- Managed the CymerOnLine development team (4 engineers + QA)
- Defined and instituted a series of Agile development practices based on Scrum

Software Engineer, MP3.com; San Diego, CA — 2000-2003

- Managed a team of 8 engineers in the development of high-performance web applications
- Worked to migrate the PressPlay music service from a J2EE/WebLogic implementation to a Linux/Apache based implementation

EDUCATION

Indiana University - MBA

University of Waterloo, Canada - B.Math

- Maintainer of the second-largest Waterloo undergrad web page by volume (Introduction to SNMP)
- Received a Descartes scholarship