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EXPERIENCE

MICROSOFT, Bellevue / Redmond WA (100% remote) Oct 2021 - Oct 2022

Sr SWE Platform Team, Power Virtual Agents

- * Updated global Azure deploy pipelines for major platform and security changes.
- * Reduced on-call toil by investigating and revising system alerting.
- * Improved team capacity for customer operations by coding ops console plug-ins.
- * Built whole-team value by having onboarding devs test and update how-tos.
- * Worked across org boundaries to share code and knowledge for common needs.

Technologies: Azure Cloud, C#, Azure DevOps, Power Automate, Power Virtual Agents

TABLEAU / SALESFORCE, Seattle WA (100% remote) May 2020 - Jun 2021

LMTS, Data Catalog

- * Developer in the Data Catalog Platform Team, scaling and integrating Tableau's service providing data provenance, lineage, and quality alerts.
- * Updated C++ shared core for reliability of Tableau Online and Tableau Server.
- * Worked across teams in a complex development and operations environment.

Technologies: Java, Spring, Postgres, Git/Gitlab, Gradle, JMeter, X.509, REST (JSON RPC), GraphQL, Tableau Server, LaunchDarkly, PagerDuty, Splunk.

WALT DISNEY CORPORATION, Seattle WA Oct 2011 - Jan 2020

Staff Software Engineer, Guest Services

- * Built exception library for uniform testing and reporting across web services.
- * Team lead and designer for a client facade to simplify registration workflow.
- * Mentored and advocated for new developers to promote skill and job growth.
- * Enabled Disney+ streaming service launch by delivering major components of a scalable AWS-based platform for Disney Guest Services registration.
- * Developed code deployed in a complex environment requiring guest privacy, backward compatibility, performance, metrics collection and maintainability.

Technologies: Java, JSON/RPC, Linux, JUnit, Git/GitHub, SQL Server, OAuth2, Jenkins CI, AWS DynamoDB, JMeter/Blazemeter, Spring, Drools rules engine.

GOOGLE INCORPORATED, Mountain View CA, Seattle WA Aug 2005 - Jul 2011

Software Engineer

- * Developer Productivity team: Built company-wide automated test result portal, Google's internal precursor to the open-source "Build Buddy" for Bazel Build, on a 6-person dev team using Extreme Programming and Test-Driven Development.
- * Google Checkout team: A parallel test farm speeded continuous integration tests by x5. An encapsulated application clock unblocked major testing team efforts, later published as "The Contagious Clock".
- * Performed over 100 technical hiring interviews for developers and managers.

Technologies: Java, MySQL, Python, Linux, JUnit, Perforce, Restlet, Paymentech API.

PLUMTREE SOFTWARE, San Francisco CA 2003 - 2005

Senior Software Engineer

- * Developed a custom Java-C# translator 100 times faster than alternative.
- * Team of 2 using iterative development delivered a translator in 4 months.
- * Developed custom version of JUnit test framework to run in Java or C#.

Technologies: Java, C#, Java-C# translation, JUnit, TDD, SOAP, code generation, Perforce, Apache Tomcat, Plumtree web portal, Oracle DB, SQL Server DB.

EDUCATION

- * M.S., Computer Science University of Arizona, Tucson Arizona, 1997
- * B.S., Physics, honors University of Washington, Seattle Washington, 1987

VOLUNTEER

- * Ada Developers Academy, 2017-present, Seattle. Technical and career mentor for students in a programming bootcamp for career-changers.