NIPUL JAYASEKERA

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EDUCATION

University of California, Los Angeles

B.A. Linguistics and Computer Science *(Sep 2015 - Dec 2018)*

‣ Programming Languages, Fundamentals in AI, Introduction to Algorithms, Software Construction Lab, Computer Organization and Data Structures, Introduction to Formal Languages and Automata Theory

‣ Computational Linguistics, Syntax, Language Processing, Phonological Structures

EXPERIENCE

Ordr Inc.

Senior Software Engineer *(Jan 2024 - Mar 2025)*

‣ Designed and implemented a framework for third-party service integrations, including CrowdStrike, Microsoft Defender, Fortinet, Cisco ISE, and SentinelOne. The new framework streamlined workflows, reduced code complexity, and enhanced overall performance and developer efficiency.

‣ Resolved performance and reliability issues across all severity levels, achieving faster response time for critical deployments, including those for HCA Healthcare and Mayo Clinic, thereby improving customer satisfaction.

‣ Analyzed customer system deployments to identify and correct root causes of operational failures and any inconsistencies.

‣ Applied strong problem-solving skills to deliver solutions that improved scalability, reliability, and end-user experience, contributing to both customer retention and new business acquisition.

Software Engineer *(Mar 2018 - Dec 2023)*

‣ Developed fully integrated User Interface features primarily using JavaScript (e.g., Test Connectivity Framework, YAML File Editor).

‣ Extended sanity scripts to monitor customer and prospective customer setups for key feature validation, utilizing Robot instead of Protractor. This reduced developer time required to implement new test suites.

‣ Designed and developed the CI/CD Jenkins pipeline along with automated Protractor test cases. Daily sanity checks and mini regressions were executed, catching bugs early and significantly reducing the need for manual testing by peer test engineers. The resulting test reports provided faster feedback to developers.

‣ Exceeded expectations by independently integrating build and setup processes within Jenkins, streamlining the original approach.

Niara, Inc. at Aruba Networks HPE

Software Engineer Intern *(Jun 2017 - Sep 2017)*

‣ Utilized JavaScript and Protractor to design User Interface tests for Niara's User and Entity Behavior Analytics (UEBA) web application.

‣ Executed tests using Selenium WebDriver to simulate real user interactions. Integrated the tests as a downstream job in the team's Jenkins pipeline, enabling seamless execution with each new build.

Aruba Networks HPE

Software Engineer Intern *(Jun 2016 - Sep 2016)*

‣ Scripted a configuration file generator in Python that converts a network topology file in JSON format into device and configuration files containing the necessary information.

‣ Queried values using MySQLdb after learning it independently; the MySQL database stored all of QA's device specifications, connections, and IPs. Devices were selected based on availability, ensuring maximum efficiency.

‣ Created an executable Bash script enabling the QA team to dynamically build their topologies/testbeds and run feature test cases.

Lab Assistant *(Jun 2015 - Aug 2015)*

‣ Installed equipment, organized racks, and aided engineers with their specific needs.

US Citizen

SKILLS

PROGRAMMING
- JavaScript
- Python
- TypeScript
- Java
- C++
- Bash
- Jasmine
- Groovy
- Haskell

FRAMEWORKS
- AngularJS
- React
- Robot
- Protractor
- Jenkins
- Selenium

MISCELLANEOUS
- Git
- iOS
- UNIX
- MySQL
- JIRA
- Confluence