

Varun Sreepathy

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EDUCATION

BS Computer Science

Minor Entrepreneurship and Innovation

Seattle University Class of 2022- Seattle, WA

Senior Capstone Project, Seattle University, Seattle

- Collaborated with HAAS Startup Babelflex to develop a cold chain management product that allows dining services to monitor cold storage items
- Implemented ReactJS to build and deploy a website to Heroku, NodeJS to construct an API to interact with the front and backend in facilitating data transition, and Java to interface between the Raspberry Pi module and the sensor reader.

EXPERIENCE

***Okta*, San Francisco, California**

Software Engineer In Test

08/22 - Current

- Worked with TestCafe, Selenium, Ghost Inspector, and Runscope to lead validation efforts and extend the coverage of our products. Used Rust, Javascript, and Java for test automation and fill in gaps in our environments
- Created a developer tool that enhances productivity that has been adopted within the org
- Led multiple projects to explore avenues to reduce costs based on tools used within the org by \$50,000

***Okta*, San Francisco, California**

Software Engineer In Test Intern

06/21 - 09/21

- Leveraged Python and Shell script to implement multiple new features, resulting in a more efficient CI/CD pipeline. Features include the ability to rerun only failed tests and poll how a task is completed to improve transparency.
- Applied Python algorithms to create a tool to bootstrap new Runscope environments and fully automate the formerly manual process of creating a Runscope Test Environment via a Blazemeter API
- Used TestCafe to write test cases for new features to monitor whether functionality is stable upon future releases

***Service Now*, San Diego, California**

UX Software Engineer Intern

06/20 - 09/20

- Applied front-end languages and frameworks such as JavaScript, Redux, and ReactJS to develop the Virtual Agent Designer, a tool that provides low-code to no-code solutions to customers
- Completed a front-page redesign on Virtual Agent Designer, which included the addition of new filters, improved field properties, and refactored code to remove duplicated code and optimize use of standard components from libraries

***ZF Friedrichshafen*, Sunnyvale, California**

IOT Platform Engineer intern

06/19 - 09/19

- Developed a Proof of Concept using a time series database with IoT data and data visualization using Azure blob storage, CosmosDB, Azure Data Explorer, and Azure logic apps.
- Manufactured a tool to help customers view billing data for ZF product usage

Skills:

Java, Python, C++, SQL, JavaScript, ReactJS, TestCafe, Microsoft Azure Services, Amazon Web Services, Database, Grafana, PowerBI, Runscope, API, Github, Team Communication, Flexibility, Efficient, Teamwork, Decision Making, Execution

Courses:

Software As A Service, Artificial Intelligence, Algorithms, Object Oriented Programming, Fundamentals Of Database, Languages and Computation, Information Systems, Data Structures, Web Design, Software Refactoring

Certificates:

Duke University: Java Programming: Solving Problems with Software

University of Michigan: Python Data Structures, Python Web Services