

## Deeksha Sharma

(425) 314-5264 • [deeksha345@gmail.com](mailto:deeksha345@gmail.com)

---

### Summary

Full stack developer with close to 2 years of experience designing and developing complex applications. My resume helps outline the many skills I have gained working in a fast-paced environment, and am looking for a full stack or back end development where I can excel.

### Experience

**ASSOCIATE SOFTWARE ENGINEER | T-MOBILE | JUNE 2019 – PRESENT**

**Technologies:** Django • MEAN • Docker • Jira • GitLab

**Key responsibilities:**

- Full-stack developer for APTX, an internally designed automation platform used to stage network changes for deployment, using Django.
- Full-stack developer for Load Balancer application which automates the configuration of Cisco Load Balancers using MEAN stack.

**Projects:**

Migrating APTX to new PIER system

- Leveraged RESTful APIs to integrate APTX with the new change management system, PIER 2.0.
- “Deeksha was instrumental in the transition to Pier 2.0 and made sure the tools were all ready to use so the CORE IP Network expansions and work could go on without missing a beat.” – Recognition by Manager

Updating Ansible inventory creation process

- Leveraged RESTful APIs to dynamically create configuration files in Ansible eliminating the need for manual intervention during deployments.
- Increased efficiency of deployment process for operations team by 30%.

Implemented CI/CD pipelines in GitLab

- Created CI/CD deployment pipelines for all IP networking automation applications.
- Allowed ease of management of deployments, and repositories from within Gitlab.

Implement a GUI for all features available to stakeholders via API

- The designed solution provided engineers an efficient user interface to execute various configuration changes to load balancer pairs.
- These features allowed saved the business ~5000 hours of manual work a week.

Increase security measures of Load Balancer application

- Developed a solution to enhance the security of the application by preventing unauthorized users to make changes to application traffic.
- This improved the business-continuity of the organization by preventing application outages.

**FRONT-END DEVELOPER | CAPSTONE PROJECT | JANUARY – JUNE 2019**

**Technologies:** Vue.js • Grafana

**Key responsibility:** Create a web app that professionals lacking coding expertise can use to create crowd-sensing experiments, collect data from desired phone sensors, and view graphical visualizations of the results.

**Website:** <https://www.youtube.com/watch?v=40J8jhG8gro> • **App:** <https://www.youtube.com/watch?v=kDvgQWJZ8VM>

**My role:**

- Developed the front-end using the Vue JS framework to create a highly modular single page application.
- Implemented functionality for google sign in and user authentication, creating editing and deleting experiments, a dashboard of all active experiments, viewing collected data in a heatmap and time series graph using Grafana's open source data analytics solution.
- Stylized the website using Bootstrap and CSS to achieve a simple and approachable user interface.

## Experience cont...

**GAME DEVELOPER | DIGITAL FUTURE LAB | JANUARY 2018 – DECEMBER 2018**

**Technologies:** Unity • C#

**Game on steam:** [https://store.steampowered.com/app/559250/Ghostlight\\_Manor/](https://store.steampowered.com/app/559250/Ghostlight_Manor/)

- Performed many bug fixes and implemented new game features – AI for Ghostlight Manor, power ups for brick breaking game, etc.
- Helped in implementing a decision tree AI and 3 difficulty modes for the AI allowing beginners and skilled players to play Ghostlight Manor.
- Practiced SCRUM agile development in a professional setting.

## Education

**COMPUTER SCIENCE & SOFTWARE ENGINEERING | UNIVERSITY OF WASHINGTON**

**Graduated:** June 2019

**Relevant coursework:**

- C++ Data Structures and Algorithms I and II • Management Principles and Systems Design • Computer Networking
- Operating Systems • Relational Database Design

**Club associations:**

- Gray Hats cyber security club • Association for Computing Machinery • Women in Code

## Key Skills

- Python • JavaScript • HTML5 • CSS
- Vue JS • Angular JS • React • React Native
- Docker
- SQL Databases

## Events

- I Hack You Capture the Flag hosted by Gray Hats at University of Washington – Bothell
- T-Mobile Hacks-Giving Hackathon at T-Mobile HQ Factoria, WA