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(425) 503 - 6299 

## TECH SKILLS

Java, JavaScript, HTML/CSS, REST

Python, Spring Boot, React, Kotlin, JSP

JSON, XML, SQL, Android, C#, CI/CD

## SOFT SKILLS

Problem solving

Adaptability

Teamwork

Attention to detail

Organization

Communication

Open-mindedness

Creativity

## PROJECTS

### Comp. Eng. Capstone | UW (2020)

- Sail a ship in VR to deliver PPE supplies
- Online co-op, realistic ship mechanics
- Built with Unity VR, PUN 2 networking

### Search Engine | Systems, UW (2019)

- File search engine made with C++
- Implemented file crawler, indexer, query processor, and web server front-end

### 24-Hour Hackathons | CodeDay

- Hacman: Top Overall App (Spring 2015)
  - Local co-op Pacman; Construct 2
- Hot Potato: Top Overall App (Winter 2015)
  - Multiplayer mobile reaction game; Android Studio, Firebase for networking

# ABHINAV SINGH

Software Developer | B.S. in Computer Engineering

## EXPERIENCE

### Software Engineer Consultant

LTIMindtree | December 2023 – July 2024

- Automated health check and RMA (Return Merchandise Authorization) process/notifications when replacing routers in internal Microsoft network
  - Updated router power module status check scripts written in Python
- Long term medical leave: March – May 2024

### Software Developer

Amazon | February 2021 – April 2023

- Full-stack developer in Last Mile, building in Package Tracking page webapp frontend stack & REST APIs for intra-Amazon delivery status microservices
- Facilitated multiple projects that enhanced PT page functionality:
  - Updated user eligibility parameters for determining order delivery options
  - Added 'Buy Again' and 'Cancel Delivery' actions to new 'Controls Toolbar'
  - Implemented alert & pause live tracking when delivery driver is on break
  - Ran internal A/B testing for style of Controls Toolbar buttons & carousel
  - Built pop-up fragment for full delivery address when it's cut off on map
- Collaborated often with external teams (as both client and dependency) to implement features, address bugs/customer issues, & scale for holidays
- Java/Spring Boot based APIs and JavaScript, CSS, JSP reactive frontend

### Software Developer Intern

Amazon | June – September 2020

- Automated process of saving internal snapshots of active deliveries on Package Tracking page to debug, test new UI, demo, etc. at any time
- Full-stack development: Java, JavaScript, CSS, JSP, AJAX (for web calls)

### Software Developer Intern – Android

OfferUp | June – September 2019

- Developed new feature for Android app to long-press feed item for preview image, price, and seller info; Android Studio, model-view-presenter design
- Converted categories screen from Java/MVP to Kotlin with model-view-viewmodel and databinding design, reduced code by >50%

### Computer Vet Consultant

University of Washington | September 2018 – March 2020

- Resolved software/OS issues, troubleshoot library tech, facilitated 3D printing

## EDUCATION

### Bachelor of Science – Computer Engineering

University of Washington | December 2020

Notable coursework taken:

- Machine learning: un/supervised learn, regression, classification, neural nets
- Artificial intelligence: Markov decisions, Bayesian nets, reinf. learning, searching
- Distributed systems: RPC, clocks, Paxos/multi-Paxos, primary/backup, caches
- Computer security: software/OS, web, and network security, cryptography