Anshul Kharbanda

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Professional Experience

Raytheon Missiles and Defense
Software Developer
(November 2020 – Present)

- Developed a build pipeline for containerized applications orchestrated on a Kubernetes cluster
- Worked in a Scrum Team, coordinated with Jira and Confluence
- Worked with Jenkins Kubernetes, OpenShift, Artifactory
- Written and recorded a "microlearning" video overview of SIMDIS program and its usage

MathWorks Inc.
Natick MA
Intern, MathWorks Live Editor
(April – September 2018)

- Developed an internal application to help development team manage work
- Collaborated with team to develop application requirements
- Developed project management strategy for timely completion of project
- Coordinated progress and completion of app features with team.
- Worked with Node JS, Express JS, MongoDB, Redis, jQuery, React, and Vue.js
- Presented final production application to development team

Hewlett Packard Enterprise
Andover MA
Intern, SmartFabric Orchestrator
(April – September 2017)

- Set up Virtual (VMWare) and Physical (HPE ProLiant) servers
- Implemented continuous integration for a Java program using Jenkins
- Created build script in Ant using IntelliJ IDE. Contributed via git to remote repository hosted by TeamForge
- Worked in Agile project environment
- Achieved second place at HPE's intern project fair

Project Experience

Senior Design: Check Please
Lead Programmer
(October 2019 – May 2020)

- Organized, scheduled, and led routine meetings with project members
- Developed application feature requirements and task breakdown list
- Worked with React, Netlify, Bitbucket, Asana, and Slack
- Educated and assisted other team members in said technologies

Drexel Hackathon
First Place Design Project
(January 2016)

- Collaborated in a team of four to design a fuel measurement system in 24 hours to meet requirements by AmeriGas
- Developed cloud data backend for viewing on computer/mobile using IBM Bluemix/MathWorks ThingSpeak
- Won hackathon challenge

Skills and Certifications

Programming	Web Design	Cloud Tech	Agile	Hardware/Systems	Information Tech
- Python	- Node.js	- Docker	- Git	- Arduino	- CompTIA A+
- JavaScript	- Express	- Jenkins	- GitHub	- Linux	(Renewed 2021)
- C/C++	- jQuery	- Netlify	- Jira		
- MATLAB	- React	- Linode	- Slack		
- Java	- Vue.js	- Heroku	- Mattermost		
	- SCSS		- Teams		

Education

BS Computer Engineering
Drexel University, Philadelphia, PA
Coursework: Operating Systems, Computer Networks, Machine Learning

Cumulative GPA: 3.20
Graduated: June 2020