

ISHNEET DUA

ishneetd212@gmail.com | (541)230-8330

TECHNICAL SKILLS

LANGUAGES: JavaScript, Java, Python, PHP, R

TOOLS: Bitbucket, Bamboo, JIRA, Nolio, Ansible, Artifactory, Congo, Vagrant

TECHNOLOGIES: AWS, CoreOS, Kubernetes, Docker, NodeJS, ReactJS

DATABASES: MongoDB, SQL, Postgres, RethinkDB

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER (CDK GLOBAL INC)

10/12/2015– PRESENT

- CLOUD PLATFORM TEAM: Cloud Native Platform development and management using CoreOS, Kubernetes on AWS EC2. Wrote cloud formation templates to spin up CoreOS and consul clusters. Set up continuous build and deployment pipeline for development teams. Designed build plans, wrote bash scripts and developed bamboo tasks to help validate task definitions and requirements.
- WEB DEVELOPMENT: “Sentinel” -Application and Infrastructure monitoring tool development using MEAN stack. Real time data visualization of service requests, orders and inspection inquiries using Google Maps API.
- MENTORSHIP: Reviewed code/pull requests, conducted learning/refactoring sessions, managed sprint planning and story designing, helped the interns communicate their needs effectively and deliver a quality product with documentation within 10 weeks.

SOFTWARE ENGINEERING INTERN (ADP DEALER SERVICES) 06/16/2014- 08/22/2014

- KNOWLEDGE MANAGEMENT SERVICES: Develop a log parser stack to collect information from disparate source, sort them into objects, and store or display the information in extensible ways.
- HACKATHON: Java backend development for connection and extraction of information from PDF417 data (stacked linear barcode symbol format) used for transport identification cards.

GRADUATE TEACHING ASSISTANT (OSU)

09/15/2013-06/16/ 2015

- Data Structures
- Discrete Structures in Computer Science
- Computer Architecture and Assembly Language

Responsibilities involved giving lectures, helping students understand concepts, grading assignments and conducting programming labs.

PROJECTS

- **QUANTITATIVE USER STUDY:** Understand the difference between GUI creation in swing applications by looking into two ways of doing it Using a plug in (Window Builder, Eclipse IDE) and coding it manually.
- **OPEN SOURCE PROJECT CONTRIBUTION:** Contributed to Sahana Eden (Sahana Software Foundation) as part of coursework. Reported bugs and parsed formatted SMS messages and tweets to analyze the user information provided.
- **SOFTWARE TESTING:** Implemented a test case selection and minimization technique based on statement coverage for DOMINION game. Implemented differential and random testing to attain maximum coverage of all the API functions.
- **DATA SCIENCE AND ANALYSIS:** Stock market data analysis using Finviz stock screener. Used historical data patterns to predict data patterns and predict good stock investments. Data Cleaning, analysis and visualization using R

EDUCATION

- **MASTER OF ENGINEERING,** Computer Science Oregon State University (OSU), Corvallis, Oregon, GPA: 3.85/4
- **BACHELOR OF TECHNOLOGY,** Computer Science and Engineering Guru Gobind Singh Indraprastha University, New Delhi, GPA: 3.96/4