PRACHI SHARMA

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Master of Science
Computer Science
Northeastern University, Seattle
2016 – 2018

Bachelor of Technology
Information Technology
Jaipur Engineering College & Research Center, Jaipur, India
2011 – 2015

Languages:

JavaScript

Java

TypeScript

HTML5

CSS

familiar with C++ & Python

Web Technologies:

React

Angular

NodeJS

Bootstrap

Angular Material

REST API

Database:

MySQL

MongoDB

Hadoop

Hibernate

Software/Services:

Amazon Web Services

(RDS, EMR, ELB, EC2, S3)

Git

Maven

Apache Tomcat

Heroku

WordPress

JIRA

WORK EXPERIENCE

Amazon Web Services | Frontend Engineer | April 2021 – *Present*
Frontend engineer at to provide seamless interfacing at SageMaker for Amazon Web services.

Pacific Northwest National Laboratory | Research Associate | Jan 2019 – *Mar 2021*
- *Tank Vapor*: Frontend Developer for establishing an internal web based IH focused Tank Vapors Data Access and Visualization System module.
  Technology used: ***React, JavaScript, HTML, CSS.***
- *Facility Cybersecurity Framework*: Developed new features for web-based tool to help facility owners and operators better manage cybersecurity risks.
  Technology Used: ***React, TypeScript, SCSS, HTML.***

Northeastern University |Teacher's Assistant | Sept 2017/2018 – Dec 2017/2018
Teacher's assistant for CS5200 Database Management System. Assisted professor in assignment evaluation, helped student to understand DBMS concepts, conducted midterms.

J.K.Technosoft | Software Developer Intern | May 2014 – Aug 2014
Worked in a team to develop an application with *Oracle 9i* and *Oracle Developer Suit*. Our team used Agile approach to develop the system and developed application to report yearly rainfall and present them on graphs.

ACADEMIC PROJECTS EXPERIENCE

The Food Truck Web | Northeastern University | April 2018
- Developed a website to search food truck by its name, city, address, pin code using ***JavaScript, NodeJS, ExpressJS, AngularJS, MongoDB, TypeScript***.
- Implement google maps to pinpoint the location of food truck on the website using ***Google Maps API*** and ***Angular Google Maps.***
- *Links:* *https://github.com/PrachiSharmaCode/WebDevelopment/tree/master/project*
  https://webdev-prachisharmaproject.herokuapp.com/

Northeastern University's Website |Northeastern University |April 2018
- Developed Northeastern University's align program website/portal used by faculties, current student and prospective student.
- Implement features like login, register, number of students in specific course or grade, ratio of student based on gender, program, grades using ***JAVA, Maven, Rest Web services, JAX-RS, jersey, Hibernate.***

Allot | Northeastern University | Dec 2017
- Developed an android application to assign tasks and to keep track of work among collogues, mates etc. using ***Android SDK, Android Developer Suit.***
- Implemented functionalities like Geofencing, Hamburger menu, Floating Action Buttons and Notifications using ***Firebase.***
- *Links:* *https://github.com/PrachiSharmaCode/ALLOT*

Transportation Data Analysis | Northeastern University | April 2017
- Analyzed the US Department of Transportation's aviation dataset (2000-2008) to find the most reliable airlines between specific intervals of time (weeks, months, years) by building a comprehensive ranking system using metrics such as – average delay in arrival time, average delay in departure time, etc. using ***MapReduce, Hadoop, Hbase.***

Storemapp | Northeastern University | Dec 2016
- Developed an interface for users to enable quick access to any desired product location across store layouts using ***Image Mapping techniques, JSP, MySQL***.