Nitika Rajinder

Graduate Student

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WORK EXPERIENCE

Software developer
Wipro Technologies Ltd.

06/2015 – 12/2016   *Bangalore, India*

Achievements/Tasks

- Integral part of AIRBUS A320 project.
- Assigned the work of both development and automation testing using Java,spring boot and Hibernate.
- Done Automation testing using Selenium and worked on Restful Apis and tested them using postman.
- Used Hadoop for the processing of large data sets and MongoDB as database.
- Worked on Continuous Integration/ Continuous Delivery using Jenkins.
- Worked in Agile/Scrum Methodology.

Summer Intern
Kommerceone

05/2014 – 06/2014   *New Delhi, India*
Cloud Platform

Achievements/Tasks

- Worked on AWS platform for live research project on cloud.
- Done deployment of cloud platform using DNS, AWS nginx, load balancing, tomcat, Jenkins and Docker.
- Optimized database by eliminating redundancy and deployed static websites using AWS s3 storage services.
- Managed servers on AWS and used Linux to maintain them.

EDUCATION

Master of Science
Texas A&M University- Kingsville

01/2017 – 05/2018   *GPA-3.70 USA*

Courses

- Computer Science

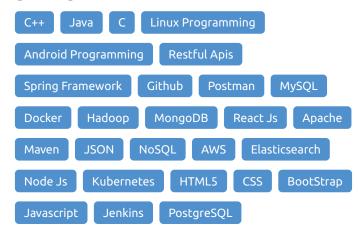### Bachelor of Technology
Amity University

08/2011 – 05/2015   *GPA - 4, India*

Courses

- Computer Science

SKILLS

C++ Java C Linux Programming

Android Programming Restful Apis

Spring Framework Github Postman MySQL

Docker Hadoop MongoDB React Js Apache

Maven JSON NoSQL AWS Elasticsearch

Node Js Kubernetes HTML5 CSS BootStrap

Javascript Jenkins PostgreSQL

PROJECTS

Smart Brain- Face Recognition Full Stack Application (05/2018 – 06/2018)

- This application uses Image Recognition Apis where we design the front end using ES6, React and back end using Node jS, Express and used PostgreSQL for the database connectivity.
- Used knex.js to connect database with backend servers.
- Used CORS node.js package for providing Express middleware.
- This application will detect the faces using the Image Recognition Api while logging in and deployed the application using Heroku.

Thesis Project-• Formal Verification of Object Oriented Software using the Key Project (12/2017 – Present)

- This project analyses Java programs for security leaks.
- This research project could be treated as a starting point to analyse the information flow control and aids in finding the security issues in the source code in a more consistent way using Java.

Airbus A320 (10/2015 – 12/2016)

- Responsible for development of Test Diagnostic Function (TDF) component using back end technology using Java and Rest Apis.
- Used Elasticsearch for analysis and searching purposes.

News Feed Application Using Spring Boot, Lombok and Rest APIs (10/2018 – 12/2018)

- Developed News Feed application for different companies in Google Spreadsheets using Google News APIs, Spring Boot, Lombok and Rest APIs for fetching the news of top companies.
- Used H2 database engine for fetching and storing companies data into Google spreadsheets
- Technology stack : Java, Spring Boot, Rest APIs, H2 database, Lombok, Google News APIs.

Android App for Carpooling or ride-sharing Using Node.js, React Native and MongoDb (10/2018 – 12/2018)

- Developed car Pool mobile application using React Native for Android and IOS. Integrated Google map API, Direction API, Place API, Integrated Twillo for SMS Communication.
- Performed unit testing using Mocha JS. Used Heroku as a cloud platforms for hosting CI/CD and used Mongo Lab for MongoDB cloud service.