



APARNA SHARMA

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  aparnasharma285

EDUCATION

Northeastern University, Khoury College of Computer Sciences, Boston, MA

Sep. 2017 – Aug. 2019

Master of Science in Computer Science

Courses: Web Development, Algorithms, Large-Scale Parallel Data Processing, Database Management, Managing Software Development, Information Retrieval

G. L Bajaj Institute of Technology & Management, Noida, India

Aug. 2011 – May 2015

Bachelor of Technology in Computer Science Engineering

TECHNICAL KNOWLEDGE

Languages: Java, JavaScript, GoLang, Scala, COBOL, JCL, CICS, C/C++

Databases: MySQL, MongoDB, DB2, AWS RDS

Web technologies: React, Redux Saga, Node.js, Angular, jQuery, React Native

Frameworks: Spring Boot, Maven, REST, Junit, Spark, Hadoop Map Reduce

WORK EXPERIENCE

Wasabi Technologies, Boston, MA

Jan. 2019 – May 2019

Full Stack Developer, Application Team

- Re-modelled Wasabi Console to integrate internationalization features using react-i18n and Locize.
- Developed custom API in GoLang using go-i18n library to support language specific requests to existing backend.
- Enhanced Customer Service Portal by adding interactive features using GoLang, React-Redux, React-viz & Material-UI.

DXC Technology, Noida, India

Sep. 2015 – Aug. 2017

Associate Professional Product Developer, Insurance Domain

- Developed RESTFUL web service using Spring MVC that efficiently exposed mainframe data to the end user.
- Received “Spot Award” for boosting application efficiency by 30% by migrating existing VSAM file system to IAM.
- Mentored a team of 7 people by providing technical walkthroughs and conducting knowledge transfer sessions.

ACADEMIC PROJECTS

Northeastern University, Boston, MA

Parallel Data Processing

Dec. 2018

- Implemented Joins, PageRank, Shortest-Path algorithm, etc. on Twitter Dataset in Spark and MapReduce on AWS EMR.
- Analyzed the performance of Join operation in Map reduce, Spark using HBase as index on YouTube dataset.

Technologies used: Amazon S3, Amazon EMR, HBase, Java for Map Reduce jobs, Scala

Online Job Portal (<https://team2070.herokuapp.com>)

Jun. 2018

- Utilized 3rd party API to populate new jobs and created RESTful web services to handle JSON formatted responses.
- Facilitated end user role-based CRUD operations on domain objects to provide added features for privileged users.

Technologies used: React, Redux, Bootstrap, Java Spring Boot, MySQL, RESTful Web Services, Heroku

Online Music Player (<http://musixplayer.com>)

Apr. 2018

- Developed web application using Spring Boot for streaming free music online along with its lyrics.

Technologies used: Spring Boot, JPA, AWS RDS, and AWS EC2 along with Thymleaf template engine

Search Engine and performance evaluation

Dec. 2017

- Implemented information retrieval models, incorporated query expansion & pseudo relevance feedback technique.

Technologies used: Java, Lucene, CACM test data