MAHAK SINGH

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https://github.com/mahak0712 | http://www.mahaksingh.com/ | http://www.linkedin.com/in/mahaksingh

EDUCATION

Northeastern University: *Boston, MA*   *Sep 2018 – Dec 2020 (Expected)*
Master of Science in Information Systems
Relevant Coursework: Web Design and User Experience · Web Tools · Program Structure and Algorithms · Application Engineering Development · Data Science

Rajiv Gandhi Technical University: *Bhopal, India*   *Sep 2011 – May 2015*
Bachelor of Engineering in Electronics and Communication

TECHNICAL SKILLS

Languages: C++, JavaScript, Java, SQL, Data Structures, Algorithms
Technologies: HTML, React, AWS, Node JS, Ruby on Rails, Spring, Hibernate

PROFESSIONAL WORK EXPERIENCE

Ionic Materials, Inc   *May 2019 – Dec 2019*
Database Developer Intern: Woburn, MA
- Built and designed a full stack application, BAMSI which processes, analyzes and renders data visually using *React* to encapsulate the complete process of Battery Manufacturing.
- Data is stored on a backend created using *Node*, *Express* and *MongoDB* which was previously stored on large and tardy excel sheets
- Deployed the web application on companies On Premise Windows server which is used by ~30 people a day resulting in 40% performance speedup
- User authentication with Active Directory/LDAP for identity management, single sign on (SSO)

Abhyudaya Multimedia   *Jul 2015 – Jan 2018*
Business Analyst: Indore, India
- Built Completed analysis for business-optimization projects, reporting tools. Took part in project planning, business modeling, and user acceptance testing
- Performed ad-hoc analysis and built reports using Tableau for reporting to the executive leadership

PROGRAMMING PROJECTS - https://github.com/mahak0712

Movie search website using MoviesDB   *Jun 2020 – Jul 2020*
- Used AWS S3 and CloudFront for storing and distributing the application and Containerized the application
- Setup Continuous Integration/Delivery pipeline and used Sentry for error monitoring

Social platform for dog owners   *Mar 2020 – Apr 2020*
- Built a socializing platform for dogs and their owners to offer dogs with superior matchmaking experience by expanding geographical opportunities to meet compatible partners using ReactJS as front-end and Redux for state management. The back-end use of Node, Express, MongoDB and Mongoose

Portfolio   *Dec 2019 – Feb 2020*
- Designed and created a website to show my work and skills using ruby on rails
- Implemented blogging feature with real time commenting using action cable
- Implemented drag and drop interface

E-commerce website   *Apr 2019 – May 2019*
- Implemented an e-commerce application for buying and selling skincare products – Maven project incorporating dependency injection, interceptors, filters built-in Spring and Hibernate along with MySQL backend

Job Board for veterans   *Nov 2018 – Dec 2018*
- Designed and created an application using Java Swing to make the life of veterans more comfortable by providing them with jobs that better match with their skill sets
- Accomplished business solution utilizing the Ecosystem model where work requests flow across the organization

SKILLS / INTERESTS

- Certification in Advanced Computing (CDAC)
- Passionate Dog lover