**SATHWIKA KATAM**

Boston, MA [katam.s@husky.neu.edu 424](mailto:katam.s@husky.neu.edu%20%20%20%20%20%20%20%20%20%20424)- 361-8212 linkedin.com/in/sathwika-katam-59935

**EDUCATION**

**Northeastern University, Boston, MA** Expected Aug 2020

**Master of Science in Computer System Engineering**

* Related Courses: Data Management and Database Design, Software Designing, Web Designing and User Experience

**Jawaharlal Nehru Technological University, India** June 2016

**Bachelor of Technology in Electronics and Communication**

* Related Courses: Data Structures and Algorithms, Embedded Systems, Objected Oriented Programming

**TECHNICAL SKILLS:**

**Languages:** Java, Javascript

**Frameworks:** Spring MVC, Spring Boot, Hibernate, Node.js

**Web Technologies:** HTML, CSS, jQuery, Bootstrap, Angular 7

**Databases:** MySQL, MongoDB

**Tools and Technologies:** Git, RESTful, AWS, IntelliJ, Visual Studio, Tomcat

**WORK EXPERIENCE**

**Software Engineer** Aug 2016 - Jan 2018

iRUS Info Solutions PVT Ltd, India

* Designed MVC architecture and developed an application using **Java and Spring**
* Designed user interactive (UI) web pages using **HTML, CSS, Bootstrap, JavaScript, jQuery**
* Stored with and Maintained the data with **mySQL and spring JDBC**

• Maintained code coverage above 95% in the project and wrote unit test cases using **Junit** framework

• Fixed around 10 P1 UI and backed bugs during the testing

• Maintained the code on a git repository and deployed the application on **AWS**

**ACADAMIC PROJECTS**

**Unistack** Jan 2019 – Apr 2019

• Developed a responsive web application that aids the students by providing a wide range of information about universities, enable them to maintain the log about their own applications, and update their profile

• Implemented the project using **Angular 7, Bootstrap, jQuery** for front-end

• Wrote the services for the application on **Node.js, Express.js,** and **Mongoose**. Stored data on a **MongoDB server**

**Online Job Portal** Jan 2019 - Apr 2019

* Developed a dynamic web application that facilitates job search and postings using **Spring MVC**. Secured user data using **Spring Security**

• Integrated the project with **Hibernate** to enable **CRUD** operations on the application

• Developed the frontend using React. Designed UI using **Bootstrap**

• Used **SonarCube** to evaluate code coverage and code quality for the project

**Database for Airline Reservation System** Sept 2018 – Dec 2018

• Created an airline reservation system by developing **ER, EER diagrams** and **relational model database** to show how entities are related to each other in terms of logic and business rules

• Used **aggregate functions** for cost estimations and **database triggers** for transactions

• **Normalized** the tables to avoid data redundancy and increase the efficiency

• Performed indexing on few columns to increase efficiency of the search queries

**PERSONAL PROJECT**

**E-Commerce Website** Jan 2018 – Apr 2018

• Developed a single page dynamic web application using **MEAN stack** technologies

• Utilized the RESTful webservices to maintain communication between client and server

• Maintained the **database** of users and products using **MongoDB**

• Authenticated users on the server side using OAuth protocol

• Deployed the application on a Heroku server