**Vinitha Koppula**

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**EDUCATION**

**Northeastern University, Boston, MA Expected Aug 2021**

*Master of Science in Information Systems*

Relevant courses: Web Design & User Experience Engineering, Application Engineering and Development, Web Development Tools and Methods

Activities: Global Student Mentor, Husky Systers Code

**Vasavi College of Engineering, Hyderabad, India May 2019**

*Bachelor of Engineering in Information Technology*

Relevant Courses: Web Technologies, OOP using Java, Data Structures, Design and Analysis of Algorithms, Software Engineering, Database Management Systems

**TECHNICAL SKILLS**

**Languages:** Java, JavaScript, Python, SQL, C, C++

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

 **Web Technologies:** HTML, CSS, jQuery, Bootstrap, XML, JSP, PHP, Ajax

**Databases:** MySQL, MongoDB, Oracle

**Tools Used:** Git, GitHub, Bitbucket, VS code, Eclipse IDE, NetBeans, Power BI

**EXPERIENCE**

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| **Cognizant Technology Solutions, India**  |  |  **Jan 2019 – Apr 2019**  |
| *Full Stack Web Developer Intern-* (JavaScript, Java) |  |  |

* Developed a dynamic web application, collaborating with a team of five people using JavaScript, Servlets and JSP
* Designed user interactive web pages with the help of HTML, CSS, Bootstrap and JavaScript
* Stored and retrieved data using MySQL and the application was tested using Junit testing framework
* Worked in an agile development cycle using advanced scrum methodologies

**Verzeo Edutech Pvt Ltd**, **Hyderabad, India May 2018 – Jun 2018**

*Data Analyst Intern-* (Python, R)

* Performed data cleaning and linear regression on assigned dataset to identify the predictor variables
* Identified the best suitable model and the accuracy of each model applied

**ACADEMIC PROJECTS**

**Atleto Web Application** (Spring MVC, Hibernate) **Feb 2020 – Apr 2020**

* Developed a Java web application that facilitates user to search for fitness classes offered by various gyms, join, update and delete joined classes, receive email notifications using Spring MVC and Hibernate
* Used MySQL for backend database, JSP pages for frontend, and enabled login authentication using Spring Security

**Expense Tracker** (ReactJS, NodeJS, MongoDB) **Nov 2019 – Dec 2019**

* Designed and implemented a MERN stack web application that helps user add, update, delete, track their expenses, allows user to generate a pdf of bill and visualizes user expenses in the form of charts
* Modelled the front end using ReactJS framework, used MongoDB database for storing user data and connected to the database using NodeJS, ExpressJS
* Integrated Google sign in and PayPal payment gateway for the application

**Non-Profit Welfare Organization** (Java Swing) **Nov 2019 – Dec 2019**

* Built a Java Swing application to enable the government provide healthcare services, employment opportunity to the beneficiary without any hassle and allocate funds accordingly using Java 8 features and Java Design Patterns
* Used DB4O for backend database, enabled login authentication
* Created interactive charts indicating the beneficiaries that are present and of those who have benefitted by this organization using JFreeChart

**Online Shopping Portal** (MySQL, Power BI)  **Apr 2020**

* Modelled ER, EER diagrams and created an Online Shopping Portal using MySQL, visualized sales using a Power BI dashboard that displays graphs and charts based on the data
* Encrypted sensitive columns, performed Indexing on columns for efficiency and normalized tables to avoid data redundancy