

VINAY MUPPALA

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Objective:

Passionate and Dedicated individual with exceptional problem-solving, technical and analytical skills seeking the right opportunity to leverage my skills and experience.

Professional Summary:

- Proficient in UI development specialized in designing and developing Web applications using React, Java Script, Angular, HTML, CSS and Bootstrap
- Well-versed in managing and designing web databases to ensure data integrity and consistency
- Good at Implementing single page applications using angular, JS framework
- Highly motivated team player with strong problem solving, communication, analytical, documentation and organizational skills

Education:

Fairleigh Dickinson University, Gildart Haase School of Computer Science and Engineering
Master of Science (MS) in Computer Science | GPA: 3.4

Teaneck, NJ
May 2020

Jawaharlal Nehru Technological University
Bachelor of Technology (B.Tech) in Computer Science and Engineering | GPA: 3.2

Anantapur, India
May 2017

Certifications:

- Certificate of Merit (NRC India, India's Biggest Robotics Championship)
- Achieved course completion certificate from Microsoft Virtual Academy in SQL Database Fundamentals
- Achieved course completion certificate from Microsoft Virtual Academy in HTML5 & CSS3 Fundamentals

Technical Skills:

Web Application Development Ecosystem	PHP, HTML, CSS, Java Script, Angular, SQL, JQuery, Apache, ReactJS, AJAX, Jest
Programming, Scripting & IDE	JAVA, C, SQL, Python, R Studio, Textpad, Putty, Jupyter Notebook, IntelliJ IDEA.
Databases	My SQL, PL/SQL
Version Control	GitHub
Methodologies	Agile, Waterfall

Personal Skills:

Adaptability, Strong Work Ethic, Quick Learner

Professional Experience:

Fairleigh Dickinson University

Masters in Computer Science

Student Consultant and Capstone Project

Aug 2018 –May 2020

Responsibilities:

- Worked on **Capstone Project “Camp Registration”** designed for **GoLunchBox club**.
- As a part of Capstone, implemented **Registration/Login Page, Forgot Password page, Super Admin Module, Camp Registration Module, Camp Scheduling Module and My Account Module** through **PHP and JavaScript**.
- Developed **data model** for the Camp Registration through **MySQL**.
- Worked as a **Student Consultant** providing support to professors and assisted students in the course.

Environment: PHP, JavaScript, MySQL, Java, HTML, CSS, Apache, JQuery, Ajax

Fairleigh Dickinson University

Masters in Computer Science

Blood Donation System

Fall - 2018

Description:

- Developed a web Application named Blood Donation System, and the functionalities added as follows:
- Implemented Login and Logout Page, the Client can login into their account and perform some action available in the web application, the actions are as follows: The client can become a donor. The client can become a recipient by searching for donor.
- Finally, the web-application main functionality is to handle the blood groups and assign the required donor to the receiver and allow the user to get registered as donor.

Responsibilities:

- Developed a web application for Blood Donation System by implementing **MVC** architecture
- Implemented **Registration/Login Page, Forgot Password page, Super Admin Module, Donor Registration Module, Donor Search Module and Update details page** through **PHP, JavaScript and JQuery**.
- Developed **relational data model** for the Blood Donation System through **MySQL**.

Environment: PHP, JavaScript, MySQL, Java, HTML, CSS, Apache.

Fairleigh Dickinson University

Masters in Computer Science

EZ-Pass System | Application Development Project

Spring - 2019

Description:

Designed an EZ-Pass System including Analysis Model consisting of Functional Model, Dynamic Model, Analysis Object Model, System Design Model and Object Design Model using Software Life Cycle and UML for all documentations.

Responsibilities:

- Developing an EZ-Pass System in two versions, Web-based and Window-based GUIs with Java8 (EE, SE), JSP, Servlet, HTML, JavaScript, Java Swing, JDBC, SQL Server DB.
- Implemented the system in MVC through using entity, boundary and control objects. The system includes Sign Up, Login, Pay Toll, Add Vehicle, Remove Vehicle, Inquire Transactions and so on. Both versions share the same modeling component of entity classes.

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Environment: Java8 (EE, SE), JSP, Servlet, HTML, JavaScript, Java Swing, JDBC, SQL Server DB

Jawaharlal Nehru Technological University

Description:

- Developed a web Application named Comparing Multiple E-Commerce Websites, and the functionalities added as follows:
- Client can compare different products from different E-Commerce websites, thereby saving users time and money in an efficient manner and the web application consists of twelve category windows. The Comparison of Products is performed in a single window, So that the client can analyze and predict which product is better according to their choice.
- Finally, the web-application main functionality is to fetch the data from different e-commerce website such as Amazon, Target and compare the data of the product and to display the attributes like price and the rating of that product to the user.

Responsibilities:

- Reduced redundancy while developing the Database using **MySQL**.
- . Connected the **Server** and the **Client**, to fetch the information in the Database to the web page by using **PHP**.
- Actively involved in fetching the Product details from different e-commerce website with the file formats in **CSV**.
- Performed **Unit Testing** and Integration Testing.

Environment: PHP, JavaScript, MySQL, Java, HTML, CSS, Apache, JQuery, Ajax