MADHULIKA LEKKALA
Mobile: +1(682)234-2963 | Email: madhulikareddy88@gmail.com
LinkedIn Profile | GitHub profile

SUMMARY:

Dedicated software professional seeking a challenging career with a progressive organization that provides an opportunity to capitalize my technical skills and abilities in the field of computer science.

PROFESSIONAL EXPERIENCE:

Software Engineer (Contractor) at Walmart   [Jun' 20]

- Worked with Angular 9 forms, modules, DOM, events, expressions, controllers, filters, and Http Request.
- Connect Web API to Angular using Http Call and designed GET, POST, PUT, DELETE for Web API.
- Experience with Angular 9 Directives, Dependency Injection, Services, Routing, pipes, Animations, Forms, AOT, Lazy Loading, RXJS. Used Jasmine framework to write Unit test cases for the web module.
- Developed Web forms using C#. Developed core functionality with the .NET Framework (C#.NET, ADO.NET). Created Business Logic Layer & Data Access Layers to implement the MVC architecture.
- Experience working in AGILE based development and involved in daily SCRUM meetings for report, plan, expect purpose.

Software Developer-Internship at Oaks Tech Web Solutions   [Jan' 18]

- Experience in using Core JAVA, Applets, Collections, Serialization, Multithreading and Generics.
- Implemented Server- side programming using Servlets.
- As a developer intern, developed web pages using JSP, Java Scripts and HTML. Relevant experience in web applications using PHP-Symfony2, Laravel and Zend. Followed MVC architecture (Zend Framework) for the development.

TECHNICAL SKILLS:

Languages	Java, Python, C, C#, HTML, CSS, TypeScript, JavaScript, PHP, Node JS
Database	MySQL, MySQL Workbench, SQL Server, IBM DB2, Dynamo DB, Document DB, Mongo DB
Cloud Platforms	AWS (EKS, ECS, Lambda, SQS, SNS, S3, Kinesis Stream)
Platform	Windows, iOS
Framework	Angular, Vue JS, Python Flask

EDUCATION:

Master of Science in Computer Science at The University of Texas at Arlington (CGPA: 3.9/4.0)   **[Dec'20]**

Course Work: Design and Analysis of Algorithms, Artificial Intelligence, Machine Learning, Software Engineering and Testing.

PROJECTS:

Developed a website named Leaneventos which is a charity-based project   [Jan' 19]

- The main purpose of this application allows the authorized user to register, donate and participate for Charity events.
- Implemented authentication and validation using JavaScript and HTML validators and connected to MYSQL consisting of user profile details using PHP. Designed this website using HTML/CSS/JavaScript/PHP using XAMPP and CodeIgniter.

Implemented Object Detection Using TensorFlow   [Aug' 19]

- The purpose of the project is to detect a particular object using the TensorFlow. In this project, labelled all the captured images of a particular object using LabelIMG to form .xml files. These files are later used for training the model.
- Also used OpenCV library to capture real time images using web camera to detect that object in the frame of the user.

Recipes Website using Angular 7   [Jan' 20]

- Developed an application where an authenticated user will be able to login and store recipes in a database. Used Firebase database for API calls to save and fetch data. Developed reactive forms and used Dependency Injection design pattern.
- Implemented HTTP requests using Http Client Module and used RxJS Observable to handle multiple values over time.

Developed a task application using Node JS   [Sept' 19]

- The purpose of this application is to allow authenticated users to query, insert, read, update, delete documents from a database. Implemented the user validation using JSON web tokens. MongoDB is used as a part of this application.
- Implemented REST API, mongoose model, Async/await. Performed sorting, filtering, pagination of data.

Developed and deployed a webapp for data analysis, data visualization on Minnow dataset on Azure   [Sept' 19]

- The application was developed to enable users analyze, query, and visualize given dataset to identify different patterns or results. Developed the application using Python, Flask and used Azure Cloud Shell to push the application into cloud.