Jammuladinne S

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Executive Summary

A visionary leader with a distinguished track record in machine learning and natural language processing, this candidate merges critical scientific thinking with hands-on expertise. Their proficiency in programming and deep learning model development is complemented by robust communication skills. With a history of publications in esteemed conferences and journals like ACL, EMNLP, and NeurIPS, they stand as a beacon of innovation, technical acumen, and impactful contributions to the AI domain.

Skills

Web Technologies	HTML5, CSS3, JavaScript, ECMAScript 5/6+, TypeScript, NodeJS, NextJS, Flask, Bootstrap4, XML, JSON
JavaScript Libraries	ReactJS, React Native, React Router Dom, Redux
Backend	Express JS, GraphQL, Redis, Springboot, Spring
Programming Languages	Javascript, C, C++, Java, Python
Databases	MySQL, Postgres, MongoDB
Unit Testing Frameworks	Mocha, Karma, Chai, Jest, jasmine , Enzyme.
Web Browser	Google Chrome, Opera, Mozilla Firefox, Internet Explorer, Safari
Development Environment	Node.JS, GitLab, CI/CD, Azure, Jenkins, Git
IDE Tools/Text Editors	Visual Studio Code, Spyder, Postman,NetBeans, IntelliJ, EclipseAWS training for developers
Operating Systems	Windows, IOS, Linux

Certifications

- JavaScript Essential Training
- Node.js and Express.js
- SQL Essential Training
- Learning Jenkins
- Learning Chrome Web Developer Tools
- Continuous Integration Tools
- Programming foundations: Software Testing/QA.
- Software design from requirements to release.
- Learning Rest APIs
- Learning Jira Software
- Learning Webpack 4
- User Experience for Non-designer.
- Python

Achievements

- Secured Second position in Coding Ninjas Hackathon 2021 by BML MUNJAL University.
- Executive member of 'Akshara Foundation' a non- profit organization for Education and rights of children.
- President and executive board member of Robotics and Innovation club for the year 2019-2020 at BML Munjal University.
- Secured Third position in Front-end Web development 2019, outreach workshop by IIT Varanasi.
- Awarded Dean's Excellence scholarship by University of Missouri Kansas City for four semesters and Hero higher Education Scholarship fund for Eight Semesters by BML MUNJAL University.

Professional Experience

Wipro Limited
Chennai, India

Software Developer (Back-end / Full Stack) 📅 **July 2021 - September 2022**

- Developed and maintained full-stack applications using Java and Spring Boot, delivering efficient and scalable solutions.
- Implemented RESTful APIs using Spring Boot, enabling seamless communication between the frontend and backend components.
- Utilized Spring MVC framework for handling requests, managing controllers, and implementing business logic.
- Developed responsive and user-friendly frontend interfaces using HTML, CSS, and JavaScript frameworks such as React.
- Utilized front-end frameworks and libraries like React.js, Vue.js for building dynamic and interactive user interfaces.
- Integrated Redux with React components to provide a predictable and centralized state management solution.
- Integrated external APIs and services for additional functionality, such as payment gateways or third-party data integrations.
- Implemented unit tests using JUnit and Mockito to ensure code quality, reliability, and maintainability.
- Employed GIT version control system for collaborative development, code reviews, and continuous integration processes.
- Collaborated with cross-functional teams, including designers and product managers, to gather requirements, provide technical insights, and ensure timely project delivery.

Benciti Technlogies
Mohali, India

Web Developer 📅 **Jan 2021 - July 2021**

- Implementing responsive design techniques to ensure that websites are visually appealing and functional across various devices and screen sizes.
- Collaborating with the design team to convert wireframes or mockups into interactive web pages.
- Implementing interactivity and dynamic behavior using JavaScript, such as form validation, animations, and event handling.
- Optimizing web page performance by minimizing file sizes, reducing HTTP requests, and applying caching techniques.
- Debugging and resolving issues related to HTML, CSS, and JavaScript to ensure smooth functionality.

- Conducting thorough testing and quality assurance to identify and fix bugs or inconsistencies.
- Collaborating with team members to investigate and address technical issues that impact website performance or functionality.
- Using version control systems, such as Git, to track code changes, manage collaboration, and ensure code integrity.
- Ensuring cross-browser compatibility and addressing any issues that arise during testing.

BELL Technical Solutions   📍 Hyderabad, India

Web Developer   📅 **March 2019 - July 2019**

- Responsible for developing and implementing the user interface of websites or web applications using HTML, CSS, and JavaScript.
- Creates visually engaging and aesthetically pleasing website designs using HTML and CSS.
- Develops user interface components and layouts, ensuring a consistent and intuitive user experience.
- Implements responsive design techniques to optimize the website for various devices and screen sizes.
- Collaborates with cross-functional teams to incorporate user-centered design principles into the development process.
- Collaborates closely with designers to create visually appealing and user-friendly web interfaces.
- Conducts usability testing and gathers user feedback to iterate and improve interface designs.
- Collaborates with marketing and design teams to enhance the overall user experience.

Academic Projects

House Price Prediction: (Python, Linear Regression*)*

- Performed data preprocessing by filling the missing values and converting data to required format.
- Applied numerous ML regression Algorithms to predict the house sales price using various metrics.
- Compared and visualized 4 regression algorithms and measured the accuracy and error metrics.

Expense Tracker App

- Built the customer facing Expense tracker application using React.js, JavaScript, Bootstrap to add and manage personal finances.
- Utilized React.js components to create a modular and scalable architecture, promoting code reusability and maintainability.
- Created forms and input validation mechanisms to enable users to add, edit and delete expense records, ensuring data integrity and accuracy.
- Implemented responsive design techniques using CSS media queries, ensuring the application compatibility across various screen sizes.

e-Book Library

- Developed a book management system using a full-stack architecture, utilizing React, Node.js, Express.js, SQL, and JavaScript.
- Created a RESTful API using Node.js and Express.js to handle requests and interact with the database for book CRUD (Create, Read, Update, Delete) operations.
- Utilized SQL (Structured Query Language) to design and maintain a database schema for storing book information, including title, author, genre, and availability.
- Implemented search and filtering functionalities, allowing users to search for books based on various criteria such as title, author, genre, or availability.

- Implemented user authentication and authorization features using secure techniques such as JSON Web Tokens (JWT), ensuring only authorized users can access and modify book records.

Quiz Application

- Utilized React components to create dynamic quiz functionality, including question rendering, answer selection, and progress tracking.
- Integrated SQL database to store quiz questions, options, correct answers, and user responses.
- Created and managed a SQL database schema to store quiz data, including questions, options, and correct answers.
- Implemented user authentication functionality using React and JavaScript to allow users to sign up, log in, and manage their quiz progress.
- Implemented server-side validation and authentication protocols to prevent unauthorized access.
- Developed SQL queries to retrieve quiz questions and options from the database and display them dynamically in the quiz application.
- Used JSON data for answer validation & display results after the end of the quiz.

Education

Master of Science : Sacred Heart University, Computer Science [**GPA:-** 3.81]

Bachelor of Technology : BML Munjal University, Electrical and Communication Engineering