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Vamshi Ponugoti

Software Engineer

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SKILLS

Programming Languages	C, Java, Python, Javascript, HTML, CSS
Web Technologies	React, NodeJS, ExpressJS, GraphQL, MaterialUI, Bootstrap, Jest
Databases	MySQL, NoSQL (MongoDB, Firebase)
Tools	Git, JIRA, Confluence, Figma, Abstract, Postman

TECHNICAL EXPERIENCE

Ford Motor Company
Software Engineer

Sep 2021 — Jun 2022
Chennai, India

- Played a key role in the migration of the Panda web app from Oracle Forms to J2EE architecture, facilitating the modernization and enhanced performance of the application to meet evolving industry standards.
- Successfully designed and implemented new features within the existing software, utilizing J2EE technologies to enhance functionality, user experience, and overall efficiency of the Panda web app.
- Developed and executed PL/SQL queries to retrieve and manipulate data from existing and proposed databases, ensuring seamless integration and efficient data management within the Panda web app.
- Led the development and implementation of robust test procedures for software components, ensuring the superior quality, reliability, and functionality of the Panda web app. Instrumental in the successful deployment of bug-free software releases, resulting in a remarkable 20% increase in performance.

Mindtree Ltd.
Software Engineer Intern

Jun 2021 — Aug 2021
Bangalore, India

- Actively engaged in a fast-paced internship, focusing on rapid learning and proficiency in the company's technologies, resulting in the successful development of several projects utilizing HTML, CSS, and JavaScript.
- Demonstrated practical application of acquired knowledge by independently creating web projects, showcasing proficiency in HTML, CSS, and JavaScript, and solidifying understanding of web development principles.

PROJECTS

Inventory Management Application : https://github.com/Vamshi5454/Inventory_management

- Independently developed an inventory management system utilizing the MEAN stack (MongoDB, Express.js, Angular, Node.js) to effectively track and manage inventory processes.
- Designed and implemented key functionalities, including inventory tracking, product categorization, and user authentication, resulting in a streamlined and user-friendly system.
- Implemented data validation and error handling mechanisms to ensure the accuracy and integrity of inventory data, resulting in improved data quality and reduced errors in inventory management processes.
- Utilized RESTful APIs to enable seamless communication between the front-end and back-end, allowing for efficient data retrieval and manipulation, and enhancing the overall performance of the inventory management system.

Class Management System : https://github.com/Vamshi5454/Class_Attendance-Management

- Developed a web application for managing class activities, including handling holidays, student attendance, and student leaves, using React.js and state management hooks.
- Utilized Material UI to create a visually appealing and user-friendly interface, enhancing the user experience and facilitating seamless navigation within the attendance management system.
- Implemented comprehensive backend APIs using Node Js and Express Js, enabling secure data transmission and seamless integration with the database for efficient retrieval and manipulation of attendance records.
- Conducted extensive unit testing using Jest to ensure the reliability and stability of the attendance management system, resulting in a bug-free and highly functional application.

EDUCATION

University of central Missouri, Masters in Computer Science - 3.7/4

Aug 2022 - May 2024

Jawahar Nehru Technological University, Electronics and communication Engineering - 9.06/10

2017 - 2021

ACHIEVEMENTS

Recipient of the esteemed Mahatma Jyothiba Phule Overseas scholarship in recognition of academic excellence and potential for global contributions. Successfully secured a position among the top 60 candidates out of 1500 applicants, showcasing exceptional qualifications, achievements, and the ability to excel in a highly competitive selection process.

2023