Ruthvik Kumar Myadam

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EDUCATION

Master of Science, Computer and Information Science
University of Texas at Arlington, TX   December 2023
Relevant Coursework: Big Data, Intelligent Systems, Advance Software Engineering
Bachelor of Technology, Computer Science and Engineering
C V R College of Engineering, JNTUH University, Hyderabad, India   May 2019

SKILLS

Programming Languages: C, Java, Python, C#, R Programming
Web Development: HTML, CSS, JavaScript, React.js, Node.js, PHP
Databases & Data Warehouses: MS SQL Server, MySQL, SQLite, MongoDB
DevOps, CI/CD and IDE's: Agile, GitHub, Jira, PyCharm, Docker, Kubernetes, Android Studio, Selenium Testing

EXPERIENCE

Software Engineer   January 2019 - December 2021
Wipro Technologies, Hyderabad, India
  • Architected and executed a performance evaluation module within a Java-based Spring MVC Employees Timesheet website
  • Designed new service contracts for client-server communication using XML Schemas for SOAP APIs
  • Restructured web code structure from MVC to a layered architecture using Spring Boot Core
  • Executed REST APIs with a focus on dependency injection, resulting in a 30% enhancement in development efficiency
  • The application optimized quarterly employee time stamp tracking, enhancing experience and emended performance evaluations
  • Developed and deployed applications operating React libraries, leveraging React Hooks and Redux
  • Employed Microsoft SQL Server Management Studio to allocate values to evaluation inputs, enabling real-time performance feedback for employees and contributing to a 15% boost in employee productivity

Student Assistant   May 2023 - December 2023
Office of Information Technology at UTA, Texas, USA
  • Enhanced the UTA Org Chart feature, focusing on displaying employee hierarchy in admin portal
  • Transformed structured data extracted from database to optimize front-end rendering
  • Implemented API calls to seamlessly transmit data to the UI Page, facilitating a user-friendly display
  • Applied a recursive rendering approach to showcase hierarchical relationships, revamping user experience

PROJECTS

Student MarketPlace   [HTML, CSS, ReactJs, PHP, Laravel Framework, WordPress]
  • Leveraged HTML, CSS, and ReactJs to architect an instinctive and user-centric interface for a student marketplace website
  • Performed efficient database queries using PHP and Laravel, resulting in a 75% reduction in page load times and improving website performance substantially. Attained a 100% accuracy rate while conducting web application testing using Selenium automation with Java
Quiz Application   [MongoDB, Express.js, React.js, Node.js]
  • Created a dynamic MERN Stack Quiz application with React.js for front-end and Node.js, Express.js for server-side architecture
  • Employed MongoDB for database to efficiently store and manage user-generated data. Accomplished a functionality for users to select multiple quiz categories, boosting user engagement and customization
Student Patrol, Android App   [Android Studio, Java, FireBase]
  • Prioritizing public safety, Student Patrol is an emergency service app, benefiting thousands of university students during crises
  • Developed an Android app utilizing Android Studio and Java, ensuring optimal performance on Android devices. Utilized Firebase as backend database for secure and reliable data storage and management
Stock Market Price Prediction   [LSTM, RNN, Python]
  • Engineered a machine learning model for predicting stock prices for next few days has been crafted through implementation of Long Short-Term Memory (LSTM) and Recurrent Neural Networks (RNN), leveraging capabilities to forecast market trends

ACHIEVEMENTS

  • Received "**Best Employee of the Month (FY2021Q2)**" award at Wipro Technologies for debugging and resolving a critical issue
  • Held a prestigious role of Team Lead and led a dynamic team in AIESEC (a non-profit) for 2+ years. Selected from 400 applicants, gained cross-cultural experience, and quickly promoted to Team Lead of "Global Outgoing Team" within 3 months as an intern