

Ruthvik Kumar Myadam

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SUMMARY

A highly motivated Full Stack Developer with a record of improving system performance and enhancing user experiences. My experience includes developing dynamic, responsive applications and designing scalable microservices. I excel in optimizing databases and implementing CI/CD pipelines for efficient and reliable deployments. With a background in both frontend and backend development, I bring a comprehensive approach to solving complex problems. My dedication to Agile methodologies ensures timely delivery of high-quality software. Hiring me means gaining a developer who is committed to driving innovation and efficiency, ultimately benefiting company's bottom line

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: Java, Python, C, C#, R Programming

Web Development: HTML5, CSS3, JavaScript, React.js, Node.js, PHP

Databases & Data Warehouses: MySQL, MS SQL Server, SQLite, MongoDB

DevOps, CI/CD and IDE's: Agile, GitHub, Git, Jira, PyCharm, Docker, Kubernetes, Android Studio, Selenium Testing

EXPERIENCE

Full Stack Developer

July 2023 - Present

ABAL Technologies Inc, New Jersey, United States

- Developed and maintained dynamic, responsive web application using React, for a seamless and engaging user experience for customers and vendors
- Designed and deployed scalable and maintainable microservices using Node.js, improving the efficiency of the backend systems
- Developed and maintained microservices using Java/J2EE with Spring Boot, for backend system performance and reliability, and improved efficient communication between frontend and backend systems through RESTful APIs
- Implemented RESTful APIs to facilitate communication between frontend and backend systems, improving data exchange efficiency and overall system performance
- Optimized MySQL databases for high performance and reliability, for seamless data retrieval and storage operations across the website
- Used AWS services such as EC2, S3, and RDS to deploy, manage, and scale applications on cloud infrastructure
- Set up and maintained CI/CD pipelines to automate testing and deployment processes, ensuring rapid and reliable delivery of new features and updates
- Participated actively in Agile development processes, including sprint planning, daily stand-ups, and retrospectives, to deliver features and improvements iteratively and efficiently

Software Engineer

June 2019 - December 2021

Wipro Technologies, Hyderabad, India

- Worked on Performance Evaluation and Occupational Information module in a Java Spring MVC Employee Information System
- Utilized React for dynamic UI components integrating React libraries, including React Hooks, Redux, along with HTML, CSS, and JavaScript to develop and deploy applications seamlessly, using CRUD functionalities for efficient data manipulation and management
- Restructured web code structure from MVC to a layered architecture using Spring Boot Core
- Leveraged SQL, for the system to effectively manage relational databases (RDBMS), ensuring data integrity and facilitating seamless interactions between the applications and the database
- Used dependency injection and inversion of control for developing REST APIs
- Wrote unit tests using JUnit and implemented Selenium for automated Functional Testing to verify the correctness of features, and Integration Testing to ensure seamless interactions and responsiveness across the entire application
- Applied Agile methodologies, facilitating swift iteration, and delivered high-quality software with customer satisfaction, incorporating GIT for effective version control

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]

- Developed a dynamic MERN Stack Quiz application with real-time data updates using 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