VITAL PREM KUMAR MALOTH

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A Full Stack Developer with over three years of experience, skilled in both frontend and backend development, and have a strong background in Java technologies. Proficient with Angular, React, Spring Boot, and .NET Core. A quick learner and a great team player, who holds a master's degree in computer science and excited to use his skills to bring fresh ideas and contribute effectively to your organization.

SKILLS

Programming Languages: C, C++, C#, Java, Python, HTML, CSS, JavaScript, SQL
Frameworks: Angular, ReactJs, .NET Core, ASP.NET, MVC, Spring Boot
Databases & Web Servers: MySQL, Oracle, MS SQL Server, JSON, Web Logic, Web Sphere
Cloud & DevOps: AWS, Azure, CI/CD, Jenkins, Kubernetes, Splunk
Tools & Others: RESTful APIs, SOAP, Karma Jasmine, Junit, Eclipse, Bootstrap, Data Structures and Algorithms

EXPERIENCE

Web Developer, *Digital Technology Solutions* – United States   *August 2023 – Present*
- Created modules using **.NET Core MVC** framework, making sure that accessibility guidelines were maintained for content changes across the College of Medicine website and its related modules leading to 30% increase in website engagement.
- Conducted **WCAG** accessibility reviews through all the contents, improving the 20% increase in user satisfaction.
- Coordinated and maintained the content of the UC ShareIT, UC Medicine website, which contained details about programs and mentors.

Software Engineer, *Optum Global Solutions* – India   *March 2022 – July 2023*
- Participated in all stages of the **software development life cycle**, such as design and analysis, requirement gathering and application development of customer specifications.
- Operated within an Agile environment, which included **sprint planning**, **daily stand-up meetings**, **Jira tickets**, **retrospectives**, reviews, and documentation.
- Implemented the client-side interface component using **Angular** and designed REST-based microservices with **Spring Boot**. This contributed to a healthcare platform that improved appointment scheduling and increased bookings by 25%.
- Reduced **API response time by 40%** by implementing optimized **SQL queries** to fetch and update data from databases.
- Utilized **Maven** as a build tool and deployed the application on a JBoss server. Played a crucial part in development by carrying out extensive **JUnit test** cases alongside the Quality Assurance team for bug tracking and fixing, effectively used debugging tools, improving code functionality and raising code coverage from 50% to 85%.
- Hands-on experience in using the **Continuous Integration/Continuous Delivery (CI/CD)** tool Jenkins for deploying applications to pre-production environments.
- Performed thorough unit testing with **Karma Jasmine** to detect and resolve any issues in the component, resulting in a 95% defect-free production rate.

Analyst, *Deloitte*– India   *September 2021 – March 2022*
- Effectively carried out the responsibilities of a ServiceNow system administrator, managing configuration, optimization, and user assistance.
- Contributed to the creation of tables, fields, forms, and service catalogs, which grew user productivity and process efficiency by 25%.
- Reorganized user interactions and service requests by writing JavaScript for the ServiceNow platform to improve and personalize the service catalog functionality.

EDUCATION

University of Cincinnati, Ohio   *Aug 2023 – April 2025*
 Masters (MS) in Computer Science

University College of Engineering, Osmania University, India   *Jun 2017 – July 2021*
 Bachelor of Engineering in Computer Science and Engineering

PROJECTS

Web Blog Application
- Developed a full-stack blog application using Spring Boot and Angular, offering integrated front-end and back-end functionality for managing blog posts, images, and user engagement metrics.
- Introduced features for uploading images and tracking post metrics, resulting in a 15% increase in user interaction.

ACADEMIC ACHIEVEMENTS

- A Certificate of Appreciation from the University of Cincinnati was given to them in recognition of their unwavering commitment to the DTS mission.
- As the University of Cincinnati Cricket Club's captain, I oversaw everything both on and off the field, planning practices, developing game strategies, inspiring teammates, and competing on behalf of the club.
- Served as Chair of the IEEE Computer Society at Osmania University, assisting 50% of students to pass the first round of recruiting.