Vishesh Kumar V

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EDUCATION

***Master of Science*, Information Technology, GPA: 4.0 / 4.0** Jan 2023 - Apr 2024

University of Cincinnati, Cincinnati, OH

- Relevant Coursework: Machine Learning and Data Mining, Cloud Technology (AWS, Azure), HCI, Statistics Data Analytics
- Merit-based Scholarship Graduate Incentive Award

SKILLS

Programming Languages: Java, Type Script, Python, Machine Learning
Web Technology Skills & Frameworks: React, PHP, Spring Boot, Next.js, Spring Frameworks, Express.js, RESTful APIs
Tools & Databases: Adobe Creative Suite, Click Up, SQL, Postgres, WordPress, SEO, GoDaddy, Webflow, Junit, Lucid, Figma, Visual Studio, swagger, MongoDB, MySQL, CSS Material UI, Git, Agile methodologies, MSOffice.
Experience with: Salesforce, AWS, Google Analytics, Azure, MERN stack, Front-end design (HTML, CSS, Bootstrap ,JavaScript), Back-end development, Single Sign-On (SSO) implementation, Software development lifecycle (SDLC), Next.js, node.js, SonarQube
Networking Technologies: HTTPS, JWT, OAuth 2.0, MSAL SDK, OSI Model, TCP/IP.
Operating Systems and Testing: Windows, Linux &, Unit and Automation Testing.

WORK EXPERIENCE

Full Stack Intern Aug 2023 – April 2024

University of Cincinnati, Cincinnati, Ohio.

- Developed dynamic web applications using **MERN** stack for enhanced system performance, integrated diverse software solutions, optimized database queries by 20%.
- Provided comprehensive technical support for Node.js, **MySQL**, React.js, troubleshooting issues, ensuring optimal system performance for university applications.
- Created multimedia content using Adobe Creative Suite, conducted training sessions for TAs, improving software utilization by 30%.
- Installed and configured MySQL databases, ensuring efficient data access and system reliability, reducing query times by 25%.
- Acted as a liaison between students, faculty, and IT staff, resolving technical issues, and improving user satisfaction by 40%.

Software Engineer Jan 2021 - Sep 2022

Tata Consultancy Services, Madhapur, Telangana

- Led front-end development of a responsive website, using HTML, CSS, JavaScript, JSON, and **jQuery** throughout the **SDLC**, resulting in a 25% increase in user engagement and a 15% reduction in page load times.
- Accelerated system performance by 25% through optimization of Apex code, **SOQL**, Visualforce pages, and Lightning components, **SOSL**, resulting in an improved user experience.
- Implemented **Agile** methodologies to efficiently manage project timelines, resulting in a 30% reduction in project delivery times for Salesforce solutions.
- Directed conceptualization and execution of advanced workflows, validation rules, and process builder flows, refining business processes and elevating **automation**, leading to a 30% improvement in operational efficiency.
- Facilitated seamless integration of Salesforce with external systems by utilizing **REST/SOAP** APIs and other integration tools, ensuring smooth data flow and system interoperability.

Web Developer Apr 2020 – Dec 2020

FreeLancer, Saidabad, Telangana

- Expertly enhanced SEO and marketing by analyzing site traffic statistics and optimizing a jewelry website built on **WordPress** with a branded **Astra** template, incorporating **RankMath SEO**, resulting in a 40% increase in organic traffic.
- Conducted technical training sessions, developed detailed user documentation, enhancing user competency with new software tools by 35%. Assisted in the evaluation and selection of software packages, providing technical advice, and improving system compatibility by 25%.

PROJECT EXPERIENCE

Real-time Hand Gesture Recognition System Jan 2024 – Apr 2024

- Engineered and implementing **machine learning** models for real-time hand gesture recognition, achieving an impressive 70% accuracy rate in accurately classifying diverse hand gestures.
- Enhanced the system's real-time processing capabilities, reducing latency by 25% and ensuring immediate responsiveness to user gestures, thereby optimizing the overall user experience.

Biometric Voting System Jul 2019 - Nov 2019

- Designed a secure and instantaneous biometric voting system, leveraging a device created with **Arduino** and **Java**, leading to a 40% reduction in voting time and a significant enhancement of the overall efficiency of the electoral process.
- Accomplished implementation of biometric authentication for precise voter identification, mitigating the risk of illegal practices and ensuring a 15% increase in voting system integrity.