

# Vamsi Krishna Kanneboina

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## Education

**University of Cincinnati (UC), Cincinnati, OH**

Master of Science, Information Technology

**April 2024**

3.8/4.0

## Professional Experience

**UNIVERSITY OF CINCINNATI**

Front-End Developer-ITSC

**Feb 2023 – Apr 2024**

Cincinnati, Ohio

- Designed and maintained interactive web pages using HTML, CSS, and JavaScript, enhancing the university's digital presence and reducing bounce rates by 15% across student-facing platforms.
- Integrated RESTful APIs with React components to enable seamless data flow between front-end applications and backend databases, resulting in a 20% decrease in load times and improved system responsiveness.
- Collaborated with the IT and design teams to develop a cohesive UI/UX framework, ensuring that campus websites met accessibility standards and provided a consistent, user-friendly experience across devices.
- Streamlined front-end code structure by implementing modular components, enhancing site performance and reducing maintenance time for new features and updates by 25%.

**NAYVRI SOLUTIONS**

Full Stack Developer-Full Time

**Dec 2021 – Dec 2022**

Hyderabad, India

- Architected effective web pages using Angular, HTML, CSS, and JavaScript, improving code efficiency by 15% and enhancing user experience, leading to a 20% increase in user functionality and satisfaction through real-time updates.
- Spearheaded the design and implementation of advanced UI/UX components, such as real-time search and filtering features, increasing user engagement by 25% and ensuring seamless cross-device interactions.
- Applied modern front-end frameworks (Angular, JavaScript, jQuery) to build scalable, maintainable interfaces, reducing development time by 15 hours per week and streamlining workflows across the team, improving overall productivity by 20%.
- Enhanced Engineered and optimized backend systems by integrating and testing RESTful APIs with Postman, achieving 98% data transfer accuracy, ensuring smooth interaction between front-end and back-end components.

**TechBuzz IT Solutions**

Software Developer -Intern

**June 2021 – Nov 2021**

Hyderabad, India

- Developed dynamic front-end features with JavaScript, jQuery, and Bootstrap, improving site interactivity by 20% and enhancing mobile responsiveness, leading to a 15% increase in user engagement across devices.
- Optimized SQL queries and database design, resulting in a 30% reduction in page load times and a 25% improvement in system response speed, enhancing overall system performance.
- Contributed to the development and maintenance of backend systems using PHP and MySQL, helping implement RESTful APIs and basic user authentication, ensuring secure transactions with a 15% improvement in overall system security.

## Projects

**IOT-Enabled Home Energy Efficiency System using Java-Masters**

**Jan 2024 - April 2024**

- Redesigned automated energy-saving initiatives that achieved a 20% reduction in energy consumption and promoted sustainable living practices, leading to a 15% decrease in community carbon emissions.
- Performed backend systems with Java and frontend interfaces using JavaFX and Spring Boot, improving system efficiency by 30% and user engagement by 25%. Examined data with a tech stack including Java, Spring Boot, and IoT, enhancing data accuracy and insights for decision-making by 40%.

**Recipe app-bachelors**

- Developed a responsive user interface using HTML, CSS, and JavaScript, improving cross-platform compatibility and enhancing the user experience by 30%.
- Integrated real-time ingredient quantity adjustment functionality using JavaScript, enabling users to customize recipes based on serving sizes and increasing interactivity by 20%.

## Skills

**Programming Languages:** C, Python, SQL, Java, Typescript, Node.js

**Web-Development:** HTML, CSS, JavaScript, Angular, React.js, Bootstrap, PHP

**Cloud Technologies:** AWS (Lambda, S3), Azure

**Application Frameworks:** Spring Boot, Spring, Spring MVC, Postman, APIs, Docker

**Management Tools:** MS Project, Excel, Spreadsheets, XML, SharePoint, AWS, Linux/Unix

**Methodologies:** Agile, Scrum, Waterfall

**Other Tools:** Jenkins, Jira, Kubernetes, GraphQL

## Responsibilities

**Vignan's Foundation for Science, Technology and Research** | Student Council-Social Secretary

**Aug 2019-May 2022**