

# Hrithik Reddy Janga

hrithikreddyedu@gmail.com | +1 8167184444 | Kansas City, Missouri | LinkedIn | Github | Portfolio

## Professional Experience

**Student Assistant CSM**, *University Of Missouri Kansas City*

Jan 2024 – Dec 2024

- **Administered information** and **provided assistance** from the Welcome Desk of residence halls and apartments..
- Demonstrated **strong communication** and **organizational skills** to meet resident needs effectively.

**Java Developer**, *Airlinq*

Jun 2022 – Sep 2022

- **Designed web pages** for the Airlinq website with a focus on **UI/UX optimization** to enhance user engagement.
- Built and deployed user interfaces using **Angular** components, hosted in **AWS CI/CD**.
- Developed a backend server to automate data upload processes for **10 client carriers**, achieving a **25% improvement in operational efficiency**. Contributed to a **5% increase in user retention** rates by delivering intuitive UX designs.
- Gained hands-on experience with **PL/SQL and MySQL** databases, effectively managing and optimizing data operations.
- Fixed code issues, ensuring smooth, error-free website functionality, **reducing post-release issues by 20%**.

**Inplant Training**, *Indian Space Research Organization*

Jun 2022 – Jun 2022

- **Gained hands-on experience** with technologies and frameworks used in ISRO's advanced systems.
- **Enhanced user interfaces** for internal websites, improving usability and streamlining team operations
- **Fixed bugs** and **implemented enhancements**, boosting user engagement and increasing internal traffic by 20%.
- Redesigned key features to improve functionality and enable **faster access to information for teams**.

**JEE With DevOps and Cloud (AWS) Intern**, *Capgemini*

Feb 2022 – May 2022

- **Designed and implemented** a highly interactive and scalable voting system website leveraging **Java and the Spring Boot** framework to ensure robust back-end functionality and streamlined application logic. **Engineered an intuitive user interface** employing **HTML, CSS, and JavaScript**, enabling seamless user interactions and enhancing the overall user experience.
- **Integrated a secure and efficient database layer** using **JDBC** to establish connections between the back-end services and an **SQL database**, ensuring reliable and optimized data management processes.
- **Deployed the application to the cloud environment via AWS EC2, utilizing Docker containers** to encapsulate the application, while gaining hands-on expertise in **DevOps practices** and **cloud infrastructure management**.

## Skills

### Full Stack Development

Front-end Tech: HTML, CSS, JavaScript, Typescript3+, Angular 11  
Back-end Tech: .NET, C#, Java (Spring Boot, Spring MVC), NodeJS, Python  
Databases: MySQL, SQL, MongoDB, PostgreSQL

### Others

AI, ML, C, C++, OS Fundamentals, Git ,Docker, Kubernetes, AWS, GCP, CI/CD, OOPS, Data Structures & Algorithms, Jira, Postman, AJAX, Microservices, API, GraphQL, REST, SDLC.

## Education

**Master of Science in Computer Science**, *University Of Missouri - Kansas City*

Jan 2023 – Dec 2024 | Kansas City, USA

**Bachelor of Technology in Computer Science**, *Presidency University*

Aug 2018 – May 2022 | Bangalore, India

## Projects

**YelpCamp**, *HTML, CSS, Bootstrap5, Node.js, Express.js, MongoDB, React.js*

Aug 2024 – Oct 2024

**Built a campground discovery web application** using **Node.js and Express.js**, managing data through MongoDB. Used Express.js for routing and **middleware**, ensuring the application is scalable and maintainable. Implemented **Bootstrap** for responsive design, user authentication with Passport.js, and integrated **Cloudinary** and **Mapbox**.

**Music Recommendation Using Facial Emotion**, *Python, Flask, CNN, OpenCV*

Feb 2024 – Apr 2024

Utilized **CNN** technology to train a facial emotion detection system, achieving an accuracy rate of 90% on test data sets, resulting in improved user experience and engagement levels. Implemented GPU-accelerated **TensorFlow** to optimize the performance of the music recommendation system, reducing processing time by 50%

**Memories App**, *HTML, CSS, JavaScript*

Jan 2024 – Feb 2024

Save your memorable picture, with a note describing your experience and date on the app and have a nostalgic polaroid like photos instantly. The memories app doesn't need internet and all images are compressed and saved offline in local storage!