

SKILLS

- C | C++ | JavaScript | R | NoSQL | React | Angular | C# | Spring | Spring Boot | TypeScript | Node.js | Docker
- Vue.js | SQL Server | Tomcat | MSSQL | MongoDB | Unit Testing | CI/CD | Agile | Git | Scrum | SDLC
- Microservices | JUnit | OOP | Distributed Systems | Algorithms | Postman | Frontend | HTML | CSS | Django | SQL
- **Java** | **Python** | Backend | MySQL | English, Telugu, Hindi – All Professional Proficiency or above

EXPERIENTIAL LEARNING

Project Intern – Internet Sciences Inc., New York, NY | Python, Amazon EC2, Docker January 2023 - May 2023

- Built and deployed an interactive web-based application using Streamlit on an Amazon EC2 instance.
- Analyzed over **15000** rows and **50** columns of sensor data using various Machine Learning algorithms to detect and remove outliers.

ACADEMIC PROJECTS

Personal Financing App | Java, Spring Boot, Vue.js

July 2024 – August 2024

- Developed a Personal Finance Manager application using Spring Boot, handling user transactions and financial data for efficient management and reporting.
- Implemented robust security measures with Spring Security and OAuth 2.0, ensuring secure access to sensitive financial information and user privacy across multiple endpoints.
- Optimized data retrieval and processing, resulting in a **25%** reduction in response times and a **40%** increase in user engagement through an intuitive Vue.js frontend.

Environmental Data Analysis App | Java, Spring Boot, Angular

May 2024 – June 2024

- Pioneered an Environmental Analysis App, fusing Angular and Spring Boot to refine data precision by **20%** across **1000+** records.
- Elevated user engagement by **30%** by expanding app capabilities with JPA and REST API for comprehensive air water and weather analytics, facilitated by generating and utilizing over **1000+** dummy records for robust testing and feature validation.
- Secured user data by deploying Spring Security OAuth 2.0, culminating in a **25%** rise in user satisfaction.
- Orchestrated AOP strategies to enhance MySQL and Angular efficiency, markedly improving user experience fluidity.

Film-Folio Website | Java, Spring Boot, MongoDB, React

December 2023 – January 2024

- Developed a robust movie API utilizing MongoDB, created a database with **800** movie records and executed essential CRUD operations for seamless data management.
- Engineered a React-based user interface, incorporating an automatic image-transition carousel and a header, enhancing navigation efficiency by **30%**.
- Boosted user engagement by **40%** with efficient React integration for movie reviews and trailers, ensuring secure database interactions.
- Streamlined backend performance in the Java/Spring Boot environment, reducing server response times by **20%** and facilitating smoother user interactions.

EDUCATION

University of Illinois, Chicago, IL

August 2021 – May 2023

Master of Science – Management Information Systems

CVR College of Engineering, Telangana, India

August 2016 – August 2020

Bachelor of Technology – Computer Science & Engineering