

MANGINENI GIRINATH YASWANTH SAI

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Aspiring Software Engineer with expertise in Java, Spring Boot, Angular, SQL, and RESTful APIs. Passionate about full-stack development, problem-solving, and building high-performance, scalable applications. A certified Full Stack Developer with strong database management and API integration skills. Seeking an opportunity to leverage my technical expertise and contribute to a dynamic and innovative team.

TECHNICAL SKILLS

- **Programming Languages** : Java (OOP's concepts, Exceptions and collections)
- **Frameworks/Libraries** : Spring, Spring MVC
- **Databases** : SQL
- **Web Technologies** : HTML, CSS, Angular, JS
- **Developer Tools** : Eclipse, VS Code, Git/Github

PROJECTS

E-Commerce Platform(Full Stack Development)

[\(Project Link\)](#)

Technologies Used: Spring Boot, MySQL, Angular.

- Developed a full-stack e-commerce platform enabling users to browse products, add items to the cart, complete purchases, and manage orders.
- Implemented order cancellation with a time-based limit for enhanced user control.
- Designed RESTful APIs for product management, user authentication, and order processing.
- Used Spring Boot for backend logic, MySQL for database management, and Angular for the frontend UI to provide a seamless shopping experience.

Chronic Kidney Disease (CKD) Prediction (Machine Learning)

[\(Project Link\)](#)

Technologies Used: Python, XGBoost, Machine Learning.

- Developed a predictive model for chronic kidney disease (CKD) by implementing machine learning algorithms like Random Forest and XGBoost.
- The project involved data collection from Electronic Health Records (EHRs) and rigorous pre-processing, including feature selection and quality data handling, to enhance model performance.
- Myrole primarily focused on data pre-processing, implementing machine learning models, and improving model accuracy.
- Achieved an impressive 98.5% accuracy using the XGBoost classifier, making it a reliable tool for early CKD diagnosis.

EDUCATION

B.Tech in Computer Science(AIIML)

2020- 2024

- Kallam Haranadhareddy Institute Of Technology, Guntur
- GPA: 8.72

Intermediate (MPC)

2018- 2020

- Sri Chaitanya Junior College, Guntur
- GPA: 9.47

Secondary Education(SSC)

2017- 2018

- Z P High School, Piratlanka
- GPA: 9.5

CERTIFICATIONS

- Full Stack Developer Certification
- Machine Learning Certification- Brain O Vision