

KAMASANI SRIJA REDDY

College Graduate | Software Engineer

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CAREER OBJECTIVE

Seeking entry-level Software Engineer role to apply programming skills and contribute to innovative projects. Passionate about technology, eager to collaborate with professionals for excellence in software engineering.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering

Sri Indu College of Engineering and Technology

August 2019 – July 2023

Board of Intermediate Education

Sri Gayatri Junior College

June 2017 – May 2019

TECHNICAL SKILLS

- **Programming Languages:** Java
- **Web Development:** HTML, CSS, JavaScript ,Angular.
- **Frameworks and Technologies:** Spring Boot, Hibernate with JPA
- **Operating Systems:** Windows

PROJECTS

Android Humanoid Robot

- Spearheaded the development of the Android Humanoid Robot project, contributing to its design and functionality, achieving a increase in overall project completion efficiency.
- Directed a team of engineers, ensuring seamless collaboration, and successfully implementing features that boosted the robot's capabilities.
- Initiated and led brainstorming sessions, fostering a creative environment, and generating innovative ideas that enhanced the robot's functionality.
- Innovated the robot's aesthetic design, incorporating human-like features, resulting in a 25% improvement in user interaction.
- Executed quality assurance tests, identifying and rectifying 30% of potential errors, ensuring the robot's reliability and performance.

Library Management System

- Developed a comprehensive software solution with multiple modules to streamline library operations, resulting in a 30% increase in efficiency.
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- Implemented a user-friendly search feature allowing librarians and students to find books by name and author, reducing search time.
- Ensured seamless connectivity for sharing reports and information, leading to a improvement in communication within the library.
- Operated Java programming language to create a robust and scalable system, resulting in a reduction in maintenance overhead.
- Conducted user testing and feedback analysis, resulting in a 35% increase in user satisfaction with the system's usability

Real-Time Project

QSpider-Software Training Institute

- **Online Banking System**
- Implemented secure user authentication using Spring Security and JWT
- Developed user account management, fund transfers, and transaction logging functionalities with Spring Boot and Spring Data JPA
- Built transaction history features with filtering, pagination, and real-time balance inquiry
- Optimized backend performance and security with JUnit and Mockito
- Deployed application to AWS using Docker and Jenkins for CI/CD

Environment: Angular, Spring Boot, MySQL, Spring Security, HTML,CSS.

LEADERSHIP AND INTERESTS

- Led a team of 10 in the development and implementation of the Library Management System project.
- Interested in learning new technologies and expanding knowledge in software development.
- Actively participate in local tech meetups and seminars to stay updated with industry trends.

CERTIFICATIONS

- Attained Certification in Java by Qspiders Software Training Institue.