DAMERLA VENKATA SITARAMA SAI MANOHAR SASTRY

+91 9010776261   damerla.vsrs.manohar@gmail.com   [LinkedIn](#)   [GitHub](#)

Education

KL University, India   **Graduation Year: 2026**

BTech in Computer Science and Engineering; CGPA: 9.15

- Relevant Courses: Data Structures (DSA), Operating Systems, Machine Learning, DBMS, OOPS

Projects

Ecommerce Microservices Project | *React.js, Spring Boot, MySQL, MongoDB*
- Enhanced a microservices-based ecommerce platform, integrating multiple services for user management, product catalog, and order processing.
- Utilized MySQL for transactional data and MongoDB for handling product catalog and user reviews, optimizing performance.
- Improved secure payment gateways and authentication mechanisms, ensuring data protection and a seamless checkout experience.

Hospital Management System | *JSP, Java EE (JPA), MySQL*
- Expanded system functionality to manage patient records, reducing manual entry errors by 30%.
- Improved an intuitive JSP-based interface, enhancing navigation efficiency for staff.

Online Exam Portal | *React.js, Node.js, MongoDB*
- Enhanced a platform for online exams with automated grading, used by 200+ students in real-time.
- Utilized MongoDB for scalable data storage, handling peak exam loads seamlessly.

Astrology Prediction System | *HTML, Tailwind CSS, JavaScript, PostgreSQL, Django*
- Improved a responsive astrology platform with predictions based on user input.
- Expanded REST APIs for data retrieval, ensuring 99% uptime.

Technical Skills

Languages: C, Java, Python, JavaScript
Frontend Development: HTML, CSS, Tailwind CSS, React.js
Backend Development: Spring Boot, Django
Database Management: MySQL, PostgreSQL, MongoDB
Developer Tools: PyCharm, VS Code, Git, IntelliJ IDEA, Eclipse
Soft Skills: Time Management, Teamwork

Honors and Awards

- **Certified AWS Cloud Practitioner** – Earned certification in 2023, focusing on foundational cloud concepts.

- **Certified REDHAT Enterprise Application Developer** – Demonstrated proficiency in application development and management.

- **Salesforce AI Associate** – Gained expertise in Salesforce's AI-driven tools and platforms,focusing on predictive analytics, natural language processing.