

VIJAY MARREDDY YERUVA

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PROFESSIONAL SUMMARY

Highly motivated and detail-oriented Computer Science Engineering graduate with strong foundational knowledge in Object-Oriented Programming (OOP), data structures and algorithms (DSA), and full-stack web development. Experienced in developing scalable applications, building RESTful APIs, and deploying cloud-integrated projects using Amazon Web Services (AWS). Skilled in using Git for version control, and passionate about building optimized, maintainable, and user-friendly applications. Eager to contribute to high-impact software solutions and continue learning in dynamic environments.

EDUCATION

B.Tech - Computer Science and Engineering, <i>Christu Jyothi Institute of Technology and Science</i> CGPA: 8.2/10 Relevant coursework: Data Structures, Operating Systems, DBMS, Cloud Computing, Java Programming, Software Engineering	2020 – 2024
Intermediate - MPC, <i>SRM Junior College</i> Percentage: 9.5%	2018 – 2020
Secondary School, <i>Maria Rani High School</i> CGPA: 9.0/10	2017 – 2018

TECHNICAL SKILLS

Programming Languages

- Java
- Python
- C
- JavaScript
- SQL

Databases

- MySQL
- SQLite
- Microsoft Excel

Web Technologies

- HTML5
- CSS3
- JavaScript
- Bootstrap

Operating Systems

- Linux (CentOS)
- Windows

CERTIFICATIONS & TRAINING

Java Full Stack Development

AWS Cloud Practitioner
(in progress)

SQL for Data Science

Responsive Web Design

PROJECTS

Movie Ticket Booking System

Developed a full-stack web application using Django, MySQL, HTML, CSS, JavaScript, and Bootstrap to enable users to browse movies, filter showtimes, and book tickets with interactive seat selection. Implemented features like user authentication, real-time seat availability, and a secure booking system using RESTful APIs and session management. Followed MVC architecture for clean code structure and used Django ORM for database operations. Ensured a responsive, cross-browser compatible UI and maintained version control with Git and GitHub. Collaborated in a team using Agile methodology and sprint-based workflows.

Grocery Inventory Management and Billing System

Built a desktop-based inventory and billing system using Python and Microsoft Excel as the backend, with a Tkinter GUI for user interaction. Designed to manage stock tracking, automated billing, invoice generation, and real-time inventory updates. Applied Object-Oriented Programming (OOP) for modular design, and implemented input validation, exception handling, and data automation using pandas and openpyxl. Achieved 70% workload reduction and 100% billing accuracy. Led the team through debugging, testing, and deployment phases.

SOFT SKILLS

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| • Leadership & Team Collaboration | • Excellent Communication |
| • Problem-Solving & Debugging | • Conflict Resolution |
| • Analytical Thinking | • Creativity and Innovation |
| • Time Management | |