

Sandeep Dara

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Education

K L University

Bachelor of Technology in Computer Science (GPA: 9.11 / 10.00)

May 2025

Vijayawada, Andhra Pradesh

Experience

CodeClause

Machine Learning Intern

- Developed a house price prediction model using multiple linear regression, improving accuracy by 15%.
- Developed a gold price prediction tool using regression techniques.
- Applied data visualization and validation to ensure model accuracy.

Bharat Intern

Full Stack Web Development Intern

- Built a content management system (CMS) using MERN Stack
- Developed and deployed a portfolio website using Vercel and Git for version control.
- Applied RESTful API design and Agile development practices.

Projects

ATS RESUME BUILDER WEB APP | MERN Stack (React JS, Node JS, Express JS, MongoDB)

[LINK](#)

- Traditional resumes often fail ATS scans due to poor formatting and lack of alignment with job descriptions.
- Built a resume builder with customizable templates, live preview, PDF export, and **JD-based scoring using Gemini API** for semantic match analysis.
- Enhanced job shortlisting rates by providing **real-time AI-powered feedback**, enabling users to tailor resumes with precision.

HOTEL MANAGEMENT SYSTEM | Java, Spring Boot, MySQL, JSP

[LINK](#)

- Manual hotel operations caused **delays in room bookings**, inefficient check-in/check-out processes, and data mismanagement.
- Developed a hotel management system with **Spring Boot, MySQL, and Spring Data JPA** for secure, efficient data handling.
- Automated **70%** of manual tasks, improving booking efficiency and operational productivity by **40%**.

ENTERPRISE RESOURCE PLANNING (ERP) SYSTEM | Python, Django, MySQL

[LINK](#)

- Manual college processes led to data redundancy, inefficiencies, and high administrative overhead.
- Built a **Django-based** ERP system with modules for student enrollment, faculty management, and academic operations using MySQL.
- Reduced manual workload by **50%** and accelerated data retrieval by **30%** through query optimization.

Skills

Programming Languages: Java, Python, JavaScript

Frontend: HTML, CSS, React JS

Backend: Node JS, Express JS, Spring Boot, Django

Databases: MongoDB, MySQL

Core Skills: Machine Learning, Git, Data Structures and Algorithms

Certifications and Recreational Interests

Certifications: AWS Certified Cloud Practitioner, RedHat Certified Application Developer, Salesforce Certified AI Associate

Recreational Interests: Playing Chess, Video Gaming, Cooking, Watching Movies and Anime