KOLLI LEELA PRASAD

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Professional Summary

Final-year B.Tech (Data Science) student with practical expertise in full-stack development, UI/UX design, and digital content creation. Skilled in building scalable web applications, document management systems, and interactive learning platforms. Passionate about leveraging technology to craft intuitive solutions and drive real-world impact through innovation and data-driven development.

Skills

Programming Languages: JavaScript, Python, HTML, CSS, SQL
Frameworks and Libraries: Next.js, React.js, Node.js, Express.js, Django, Tailwind CSS
Databases: MongoDB, MySQL
Tools and Technologies: Git, Github, Power BI
Specializations: Web Development, Data Analytics, Machine Learning, Content Writing

Experience

Machine Learning, SkillDzire   **Feb 2025 – May 2025**

- Developed and implemented machine learning models for real-world datasets, improving prediction accuracy and system efficiency
- Collaborated with cross-functional teams to preprocess data, select relevant features, and evaluate models using industry-standard metrics
- Optimized model performance through hyperparameter tuning and contributed to deploying models in a production environment

Education

Aditya Engineering College, B.tech in CSE(Data Science)   2022 - 2026(Ongoing)

- GPA: 7.19/10.0
- **Coursework:** Data Analytics, Machine Learning, Web Development, Database Management Systems

Tirumala Junior College, Intermediate (Class XII)   2020 - 2022

- Percentage: 85.3
- **Coursework:** Math, Physics, Chemistry

Ravindra Bharathi School, Secondary School (Class X)   2020

- Percentage: 100
- **Coursework:** Schooling level education

Certifications

Data Science
Cloud Computing (NPTEL), Introduction to Interner of Things (NPTEL)

Programming & Development
Java Programming (GalileoX), Python Programming (HarvardX), IT Specialist HTML/CSS and Python

Multiple Platform Certifications
15+ Infosys Springboard certifications

Projects

Cara - E-Commerce Website

- Developed a fully responsive clothing e-commerce platform supporting user registration, product browsing, and cart checkout
- Integrated dynamic product filtering, sorting, and search functionalities for enhanced user experience
- Implemented secure order placement with basic payment simulation and inventory management
- Tech Stack: HTML, CSS, JavaScript, Node.js, Express.js, MongoDB

Learning Management System

- Developed full-stack LMS platform with real-time tracking for 200+ users and 300+ modules
- Enhanced database query efficiency using MongoDB optimization techniques
- Implemented responsive design with modern UI/UX principles
- Tech Stack: Next.js, React.js, Node.js, Express.js, MongoDB, Tailwind CSS

Library Management System

- Designed web-based library system for comprehensive book inventory and user management
- Implemented full CRUD operations with role-based access control
- Built responsive interface using Bootstrap framework
- Tech Stack: Django, Python, HTML, CSS, Bootstrap