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🎓 Education

JAIN DEEMED TO BE UNIVERSITY
BTECH in SOFTWARE ENGINEERING

Present | Bangalore, India

👤 Profile

Enthusiastic and driven software engineering student with a strong foundation in programming principles and a deep interest in problem-solving and innovation. Skilled in developing efficient, scalable solutions and passionate about building impactful technologies. Demonstrates a solid work ethic, strong analytical thinking, and a collaborative mindset. Quick learner who embraces continuous improvement and stays updated with emerging technologies. Eager to contribute to real-world projects and grow through hands-on experience in the tech industry.

🧠 Skills

Python • Python Streamlit • Python Django • Java • C • HTML, CSS • Javascript • SQL • Python Web Framework • Soft skill — | Team Management | Communication skills | Management skills | Leadership skills | Time Management skills | **Entrepreneurial mindset**

🌐 Languages

English, Telugu, Tamil, Kannada, Hindi, Japanese (Learning)

📄 Certificates

- Google IT Automation for Python
- Front End Web Development Certification - Infosys Springboard
- Introduction to Database - Meta Professional Certificate(1 out of 9 courses)
- Introduction to Graph Theory - University of California San Diego
- Effectuation: Lessons From Expert Entrepreneurs -University of Virginia
- Optimization for Decision Making - University of Minnesota
- Basics of Business Communication - Infosys Springboard
- Saving Time by Setting Goals - Infosys Springboard

Internships

Web Development Intern – RD Infotechnologies

Contributed to front-end web development by creating static web pages such as a Tribute Page, Landing Page, and Personal Portfolio.

Gained practical experience and improved proficiency in HTML and CSS through real-world implementation and design tasks.

Projects

Interactive Web Application for Periodic Properties of Elements

Built an interactive web app with Python and Streamlit to visualize and explore the first 30 elements of the periodic table. Designed with searchable and intuitive features to present comprehensive physical and chemical properties, aimed at enhancing educational engagement.

Menu Analysis – Inclusion-Exclusion Principle

Applied the inclusion-exclusion principle to identify highly rated menu items, enabling data-driven improvements in menu planning and customer satisfaction.

Electricity Bill Analysis

Studied energy consumption trends across 30 households by applying Probability Mass Function (PMF) and binomial distribution models to predict future billing behavior.

Production Scheduling & Inventory Optimization

Modeled a 3-shift manufacturing workflow to streamline production schedules and reduce inventory surplus using foundational data analysis techniques.

Contactless Dine-In Experience Using QR Code

Developed a digital dine-in solution where customers can scan a QR code to access the menu, place orders, and complete payments. The system improved operational efficiency and maintained hygiene through a touch-free, integrated ordering and billing platform.

Fashion Design Assistant Website

Created a Python and Streamlit-based app for fashion enthusiasts to explore designers' profiles and collections. Showcased images and key design info with an intuitive, interactive interface for inspiration and learning.

EXPERIENCE & EXTRACURRICULAR ACTIVITIES

FOSS Club Member, Jain University | 2024 – Present Actively involved in the university's FOSS Club, contributing to event organization, content creation, and promotion of open-source initiatives.

Event Organizer & Manager Organized and managed events like *Code Relay* and *Alumni Talk*, handling responsibilities such as event coordination, volunteer support, and advertising to ensure successful execution.