Dhanwada Srija

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Frontend Developer

I'm a highly motivated Computer Science student at BITS Pilani with a passion for web development, AI, and innovative tech solutions. I've worked on full-stack projects like Tastely and SmartRouteX, and I enjoy turning creative ideas into impactful digital experiences. I'm eager to learn, build, and collaborate in real-world environments.

EDUCATION

Computer Science Program in Data Science in AI/ML
NxtWave Institute of Advanced Technologies • Financial District, Hyd   08/2024 - 08/2028

Bachelor of Science in Computer Science
Birla Institute of Technology and Science • Secunderabad,Hyd   08/2024 - 08/2027

Intermediate
Fiitjee Junior College • Kukatpally, Hyd   06/2022 - 06/2024

High School
Fiitjee World School • Ammerpet, Hyd   06/2017 - 06/2021

CERTIFICATIONS

Angular (Basic)   07/2025
Hacker Rank

AWS Solutions Architecture Completion Certificate   08/2025 - 08/2025
Forage

Deloitte Australia - Data Analytics Job Simulation   07/2025
Forage

AI & ML with Data Science – Offline Workshop (IIT Hyd Collaboration)   12/2024 - 12/2024
Edutech Life

AWARDS & SCHOLARSHIPS

National Cyber Olympiad – Class Rank 1   03/2018
Science Olympiad Foundation

PROJECTS

Tastely   07/2025 - 07/2025
- Developed a responsive and feature-rich recipe discovery platform using MongoDB, Express.js, Angular and Node.js.
- Integrated an AI-powered Chatbot to suggest recipes based on user preferences.

- Key features include:
- Homepage showcasing curated gourmet dishes with filters (cuisine, diet type, cooking time).
- User dashboard with My Recipes, Favorites, a and static leader board.
- Recipe submission form for user-generated content.
- Authentication system with sign-up, login, and secure profile management.
- Exclusive food blogs, FAQs, and a responsive footer with site navigation.
- Focused on user experience, interactive design, and backend efficiency to ensure scalability and smooth performance.

SmartRouteX   06/2025 - 06/2025

Built SmartRouteX, a smart traffic control and urban mobility web application using Base44, focused on improving city traffic and transport systems. The platform features a dynamic home page, an intelligent user dashboard displaying recent parking bookings, EV station bookings, activity history, and real-time data from traffic sensors—the core innovation behind the system. Implemented modules for parking slot booking, EV charging station finder, and insights into public traffic and transport systems. Integrated a multilingual AI chatbot to assist users in navigation, queries, and bookings. Prioritized responsive UI, clean component structure, and accessibility for a seamless user experience.

Library Game   06/2025 - 06/2025

Developed Library of Infinity, a 3D virtual library game using Three.js, JavaScript (ES6+), and GSAP, featuring immersive first-person navigation (WASD + mouse) and interactive bookshelves. Integrated real-time book search, genre filtering, and a bookmarking system with LocalStorage. Designed intuitive UI/UX with animated book previews, tooltips, a minimap for player orientation, and a day/night lighting mode. Added ambient background music toggle and an AI assistant for book recommendations. Optimized performance with fog effects, efficient rendering, and responsive design for both desktop and mobile. Demonstrated strong skills in 3D web development, game mechanics, UI animation, and state management.

SKILLS

- Angular, Bootstrap, C++, CSS, Express, Figma, Firebase, Framer, Git, GitHub, HTML, JavaScript, MongoDB, Node.js, OOP (Object-Oriented Programming), Postman (API testing), Prompt Engineering, Python, React, Responsive Design, REST API, SQLite, TypeScript, UI/UX, VS Code

- **Soft Skills:** Adaptability, Attention to Detail, Collaboration, Communication, Creativity, Critical Thinking, Empathy, Initiative, Leadership, Problem-Solving, Resilience, Teamwork, Time Management, Work Ethic

- **Interests:** Badminton, Designing Logos & Posters, Exploring Tech Innovations, Learning Languages, Photography, Space Enthusiast