

Manav Arya Singh

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EXPERIENCE

- TenderCare FZE** On-Site
 - Web Developer Intern (Internship)* Jun 2025 – Present
 - Designed intuitive UI/UX for TenderCare websites and developed responsive front-end interfaces to enhance user engagement.:
 - Assisted in debugging healthcare software, improving functionality and user experience.:
 - Collaborated with cross-functional teams to implement design improvements and optimize performance.:
- MASYV – Designs** Hybrid
 - UI/UX Designer (Part-Time)* Jun 2025 – Present
 - Designing clean, functional interfaces and impactful brand visuals to help businesses communicate clearly and confidently.:
 - Created user-centered wireframes, mockups, and prototypes for digital platforms with a focus on usability and accessibility.:
- Embrizon Technologies** Remote
 - Machine Learning Intern (Internship)* May 2024 – Jul 2024
 - Built an NLP-based news classifier using Python, NLTK, and Scikit-learn; applied TF-IDF, Logistic Regression, and Naïve Bayes.:
 - Improved accuracy through feature engineering and model comparison. Gained hands-on experience in text classification and preprocessing.:

PROJECTS

- RescuMe - First Responder App (React Native Expo or CLI ,Expo Router navigation)**: Developed a React Native emergency response app enabling real-time location tracking, SOS alerts, and volunteer coordination during disasters. **Tech Stack**: React Native, Expo, Firebase, Firestore, Google Maps API, TypeScript, Figma
- MindfulMe - Cross-Platform Mental Health Companion (Built a cross-platform mental wellness app with mood tracking, AI-based chat, journaling, and guided breathing, with a strong focus on privacy and offline use.:** Tech Stack: React Native, Expo, TypeScript, AsyncStorage, Recharts (for analytics)
- TeleMedMe – Production-Ready Telemedicine Platform (Developed a HIPAA-compliant web app for secure telemedicine with real-time video consultations, e-prescriptions, and appointment scheduling.):** Implemented role-based dashboards, encrypted medical record sharing, consent management, and Stripe-based payment processing.. Tech: eact, TypeScript, Tailwind CSS, WebRTC, Socket.io, Node.js, Express.js, MongoDB, AWS S3, Redis, Docker
- AI-Powered Learning Management System (AI LMS)**: Built an AI-driven LMS using Google Gemini to generate dynamic, personalized study materials including notes, flashcards, quizzes, and QA. Tech: Next.js (App Router), React, Tailwind CSS, Clerk, Inngest, Drizzle ORM, Neon DB, Google Gemini, Swiper.js)

HONORS AND AWARDS

- Winner**, BITS Tech Fest'25 Hackathon - May, 2025

LEADERSHIP & EXTRACURRICULAR ROLES

- Head Of Marketing** – E-CELL Bits Pilani Dubai Campus (Entrepreneurship Club) Jun 2025 – Present
- Marketing Executive** – ACM Bits Pilani Dubai Campus (Technology Club) May 2025 – Present
- Marketing Executive** – LUG Bits Pilani Dubai Campus (Technology Club) Jun 2025 – Present
- Marketing Executive** – Supernova Bits Pilani Dubai Campus (Astronomy Club) Jun 2025 – Present
- Media Executive** – SEC M.A.D Bits Pilani Dubai Campus (Social Cause Club) May 2025 – Present
- Treasurer** – Expressions Bits Pilani Dubai Campus (public Speaking Club) May 2024 – May 2025

EDUCATION

- Birla Institute of Technology and Science, Pilani** Dubai, UAE
 - Bachelor of Engineering - Computer Science* Aug 2023 – Present
- Apeejay School, Saket** New Delhi, India
 - Class 10 - Class 12 (CBSE)*
- Amrita Vidyalayam** New Delhi, India
 - Nursery - Class 10 (CBSE)*

SKILLS SUMMARY

- Languages:** Python, PHP, React, JavaScript, SQL, Swift, CSS, Tailwind, C -Programming , Java
- Frameworks:** Scikit, NLTK, SpaCy, Flask, NodeJS,
- Tools:** Xcode, Figma, GIT, MySQL, SQLite, QMK
- Platforms:** IOS, Web, Windows, Raspberry, MacOS, Linux