

DIKXANT BHANDARI

667-325-2015 | dikxantbhandari@my.unt.edu | Denton, TX
linkedin.com/in/bhandaridikxant | github.com/dikxantbhandari | dikxant.com

EDUCATION

University of North Texas

B.S. in Computer Science (*Transferred in Fall 2025*)

Denton, TX

May 2028 (Expected)

- **Relevant Coursework:** Foundations of Data Structures I, Visual Scripting for Games

Caldwell University

B.S. in Computer Science

Caldwell, NJ

Aug. 2024 – May 2025

- **Cumulative GPA:** 3.77 / 4.00 (Dean's List)
- **Relevant Coursework:** UI/UX Design

PROJECTS

kozi.REST—AI-Powered Sleep Tracking Device | *Hardware & Frontend Developer*

HackUTA 2025

- Built an AI-based bedside companion on Raspberry Pi that tracks movement and room conditions using CCS811 and ultrasonic sensors.
- Developed a real-time Node.js + Tailwind + Chart.js dashboard delivering AI-generated morning reports via ElevenLabs voice output.

RunSafe—AI Health & Air Quality App | *Frontend Developer*

HackRice 15 2025

- Created a React + Tailwind web app that visualizes real-time AQI and route safety using Google Maps, AirNow, and OpenAQ APIs.
- Implemented live charts, route comparison, and health-based guidance to help users choose cleaner, safer paths while running.

Baymax—AI-Powered Mental Health Assistant | *Frontend Developer*

HackDartmouth X 2025

- Built a full-stack platform combining facial-emotion and voice-tone analysis with GPT-based conversations for therapy support.
- Led React frontend and integrated secure Node.js + Express backend for patient dashboards, chat, and mood tracking.

Project Dristi (iSight)—Smart Cane & Assistive App | *Hardware & Software Developer*

HackPrinceton 2025

- Engineered a low-cost smart cane using Raspberry Pi, ultrasonic sensors, and GPS for obstacle detection and haptic feedback.
- Integrated a Flask + React companion app with Google Maps API and Gemini AI for voice guidance, SOS alerts, and live tracking.

WORK & LEADERSHIP

Library Assistant

Aug. 2022 – Aug. 2023

Capital College and Research Center (CCRC)

Kathmandu, Nepal

- Assisted students and faculty with circulation, catalog searches, and maintaining study spaces.
- Delivered consistent, friendly customer service and organized library collections.

IT Head – CCRC ECO Club

Dec. 2021 – Aug. 2023

Capital College and Research Center (CCRC)

Kathmandu, Nepal

- Managed digital design, event promotion, and tech support for campus sustainability programs.
- Coordinated afforestation drives, sustainability campaigns, and blood donation events.

Yoga Instructor

Jan. 2020 – Jan. 2023

Patanjali Yogpeeth Nepal

Jhapa, Nepal

- Led group yoga sessions promoting physical wellness and mindfulness in rural communities.

TECHNICAL SKILLS

Languages: Python (advanced), JavaScript, HTML, CSS, C/C++, SQL

Frameworks: React, Node.js, Express.js, Tailwind CSS, jQuery

Technologies & Tools: Git, Figma, Adobe Photoshop, MongoDB, Linux, Raspberry Pi, VS Code

Soft Skills: Adaptability, Communication, Leadership, Critical Thinking, Collaboration, Mentorship