

# NANDISH PATEL

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## WORK EXPERIENCE

### Web Developer

University of Texas at Arlington, USA

08/2025 - Present

- Developed and maintained a **responsive WordPress website** to showcase 50+ research publications and lab data, improving accessibility for 100+ monthly users.
- Collaborating with professors to collect data and making the website according to the requirements to ensure accurate, accessible, and organized presentation of research content across various domains.

### Frontend Developer

01/2023 - 06/2023

eSeller Hub, Ahmedabad, India

- Developed responsive and reusable UI components using **React, JavaScript, and Bootstrap**, improving page load speed through lazy loading and React best practices.
- Designed frontend layouts in **Figma** and implemented intuitive user interfaces for an e-commerce website by applying modern **UI/UX principles**.

## EDUCATION

### Master of Science, Computer Science

08/2023 - 05/2025

University of Texas at Arlington, USA

GPA: 4.0/4.0

### Bachelor of Technology, Computer Science and Engineering

08/2019 - 05/2023

Ahmedabad University, India

GPA: 3.0/4.0

## PROJECTS

### MongoQuery AI

08/2025 - 10/2025

**Tech Stack:** Python, Streamlit, CSS, Groq API, PyMongo, Docker, LLM (Llama-3.3-70B)

- Developed a **full-stack AI application** that translates natural English language into executable MongoDB queries.
- Designed a reliable prompting using **Llama-3.3-70B model** to reduce errors and ensure over 90% accuracy.
- Containerized the application with **Docker** to ensure environment consistency and streamline deployment.

### Lineup Studio (website)

03/2025 - 06/2025

**Tech Stack:** ReactJs, Tailwind CSS, EmailJs, Motion framer

- Developed a **responsive portfolio website** to help grow my sister's architecture business and showcase design work.
- Integrated **EmailJS** for real-time client inquiries, enabling instant email notifications to the business Gmail account.
- Improved site performance with **advanced lazy loading** for high-resolution images.

### Journey Genie

07/2024 - 10/2024

**Tech Stack:** React, Express, Node, Firebase, Gemini AI, LLM (gemini-1.5-flash), Google OAuth, shadcn UI, Trello

- Built a **full-stack AI-powered trip planner** that generates personalized, day-wise itineraries based on user inputs.
- Developed features for hotel/flight booking redirection and a **digital trip journal** to upload photos, videos, and notes.
- Integrated **gemini-1.5-flash model** for itinerary generation and **Google OAuth** for authentication of 1,000+ users.

### Geo Compensate

01/2024 - 05/2024

**Tech Stack:** React Native, Express, Node, MongoDB, GeoLocation API, JWT authentication, Jira

- Implemented geofencing with the Haversine formula to **restrict clock-in/clock-out** activities within designated zones.
- Developed a **GPS-based clock-in/clock-out Android application** that reduced administrative overhead by 35%.
- Secured the system with **JWT-based authentication** and **role-based access control**, following **Agile practices**.

## SKILLS

React.Js | React Native | Next.Js | TypeScript | TailwindCSS | Wordpress | Python | MySQL | Firebase | MongoDB | Express.Js | Node.Js | AWS | GCP | Docker | JUnit | Postman | Clerk | Git | Figma | Wix | Bootstrap | Trello | Jira

## ACHIEVEMENTS

- Datathon Winner** - Built **PediBot, RAG chatbot** during 24-hour long datathon at UTA (**04/2025**)
- Hackathon Runner-up** - Built websites using **Wix** in domains of **Education, Residence** and **AI** during 8-hour long hackathon at UTA (**03/2024**)