

# NANDISH PATEL

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## EXPERIENCE

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- **Frontend Developer Trainee – TOPS Technology** Jan 2023 – Jul 2023
  - Proficient in front-end technologies including HTML, CSS, JavaScript, jQuery, and React, with extensive hands-on experience gained through various mini-projects, involving the design of responsive web interfaces, implementation of interactive content, and enhancement of user engagement using front-end frameworks and libraries.

## EDUCATION

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- **Master of Science - Computer Science** Aug 2023 – May 2025  
University of Texas at Arlington | Arlington, USA **GPA: 4.00 | 4.00**
- **Bachelor of Technology - Computer Science and Engineering** Jul 2019 – May 2023  
Ahmedabad University | Ahmedabad, India

## KEY PROJECTS

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- **Geo Compensate: Mobile app for managing the mobile workforce** Jan 2024 – May 2024
  - Developed a workforce management mobile app using React Native and Android Studio, integrating GPS and an automated, location-based payroll system to enhance accuracy and fairness in employee compensation.
  - Applied the SDLC Scrum methodology, starting with requirements definition and progressing through high-level use cases, increment matrix, domain modelling, sequence and class diagrams, ensuring a structured and iterative development process.
- **EShoppy: E-commerce clothing website frontend design** Jan 2023 – May 2023
  - Designed and implemented the front-end of an e-commerce clothing website using HTML, CSS, and JavaScript, based on initial pen-and-paper prototypes. Focused on creating intuitive navigation and responsive design, applying HCI UI/UX principles to enhance product discovery and improve add-to-cart conversion rates.
- **Prediction of heart disease using ML model** Jan 2022 – Apr 2022
  - Applied machine learning methodologies such as SVM, LDA, Decision Tree, and Naïve Bayes to forecast heart disease likelihood in patients, achieving a 72% accuracy with SVM and 64% with Decision Tree after applying PCA, optimizing predictions for patient health outcomes.
- **Digiwheels: An iOS mobile application** Aug 2021 – Dec 2021
  - Created a multi-functional iOS app using Figma, enabling users to access transport information, book appointments, and view essential documents like driver's licenses and vehicle registrations, enhancing user convenience and efficiency.

## TECHNICAL SKILLS

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- **Languages/Frameworks:** React, Java, JavaScript, HTML, CSS, MySQL, Python, MongoDB, Node.js
- **Databases:** MySQL, MongoDB, Firebase
- **Tools:** Android Studio, VSCode, IntelliJ, Postman, GitHub, Figma, Jira, MS office

## ACHIEVEMENTS

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- **Hackathon:** Collaborated in a team to design and develop three websites on the Wix platform within 8 hours, focusing on [Education](#), [Residence](#), and [Artificial Intelligence](#) domains achieving **runner-up** position (**Mar 2024**).

## CERTIFICATIONS

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- **Datathon at UTA:** Collaborated in a team of four during a 24-hour challenge to develop an image classification model and a BERT-based model for verifying the factual accuracy of tweets (**Apr 2024**).
- **Google Cloud 30 days challenge:** Completed several courses in domains like networking, big data deploy on Kubernetes, machine learning, artificial intelligence, build and secure networks (**Sept 2021**).
- **Udemy:** Mastering Data Structures & Algorithms (**Aug 2023**), Python: from Zero to Hero (**Jan 2022**)
- **Competitive Programming:** [HackerRank](#) (Gold star: Python, SQL), [Leetcode](#) (**200+ problems solved**)
- **InternShala:** Core Java: Certificate of Training (**Jan 2022**)