HUSENA MURTUZA BHAI LIMDIWALA

B.Tech. - Computer Science & Engineering

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NAVRACHANA UNIVERSITY

KEY EXPERTISE

UI Development | UX Design | Mobile Application Development | flutter dev

EDUCATION

Navrachana University — 2021 - 2025
B.Tech. - Computer Science & Engineering | CGPA: **8.63 / 10**

Burhani English Medium High School, Dahod — 2021
12th | GSEB | Percentage: **85.11 / 100**

ST MARY'S SCHOOL, Dahod — 2019
10th | CBSE | Percentage: **84.50 / 100**

INTERNSHIPS

PalpAid | Bio Technology & Life Sciences — 12 Jul, 2023 - 02 Oct, 2023
UI UX Designer
Key Skills:

Figma | UX Design | Prototyping | Wireframing | Research | Analysis | Problem Solving | Collaboration
Communication

Throughout my internship, I was immersed in the role of a UX designer for PalpAid, a mobile app dedicated to breast cancer awareness. I meticulously designed interfaces to encompass vital fields of breast health, ensuring comprehensive user interaction. By embedding risk assessment functionalities, I facilitated personalized insights, empowering women to proactively manage their health journey.

PROJECTS

GDSC- Social Posts — 01 Jul, 2023 - 01 Jun, 2024
Mentor: Husena Limdiwala - Myself | **Team Size:** 4

Key Skills: Figma | Social Media | Creative Problem Solving | Team Leadership

Project Link: https://www.figma.com/file/JFHcXAmrePBuYH12XZcntf/GDSC-Instagram?type=design&node-id=1%3A14746&mode=design&t=Zxc9k0U5Gbw9L5tQ-1

For GDSC's Instagram social posts design, we aim to captivate and engage our audience with visually stunning and informative content. Our designs are crafted to reflect the dynamic and vibrant spirit of our community, incorporating bold colors, eye-catching graphics, and sleek typography. Whether we're promoting upcoming events, showcasing member achievements, or sharing valuable resources, each post is meticulously designed to resonate with our followers and spark meaningful interactions. Through our visually compelling designs, we strive to foster a sense of connection, inspiration, and empowerment within the GDSC community and beyond.

WiseApp (Simplifying Technology for Senior citizens) — 01 Sep, 2023 - 11 May, 2024
Mentor: Prof Ninad Bhavsar, Dr. Jaideep Raulji | **Team Size:** 4

Key Skills: Figma | Flutter | Dart | Android Studio | Amazon Firestore | Firebase

Project Link: https://github.com/husena18/Wiseapp

This project involves developing Wiseapp, a user-friendly application designed to assist elderly and senior citizens in understanding and using various popular apps. Wiseapp provides comprehensive explanations and hands-on tutorials for the functionalities of these apps, making technology more accessible to older adults. The application is built as a full-stack solution with Firestore as the back-end storage. Instead of using readymade language APIs, manual app localization libraries are employed to ensure precise and culturally relevant translations. Developed using Flutter, Wiseapp offers a seamless, cross-platform experience

Breast Cancer Classification Model — 16 Feb, 2024 - 30 Apr, 2024
Mentor: Dr. Sk Vij | **Team Size:** 2

Key Skills: AI | Machine Learning | Python | Scikit-Learn | Pandas

Project Link: https://github.com/Pratham1604/Breast-Cancer-Classification-Model/blob/main/Stratified%20Sampling%20(3).ipynb

A breast cancer classification model uses features extracted from medical imaging or biopsy data, combined with machine learning techniques, to accurately distinguish between malignant and benign tumors. By analyzing these patterns, the model aids in early diagnosis and treatment planning, enhancing the chances of successful patient outcomes.

Neofolks - Hackathon designs
15 Mar, 2024 - 06 Apr, 2024

Mentor: Husena Limdiwala - Myself | **Team Size:** 5

Key Skills: Figma | Team Leadership | Project Coordination | UI Development | Interfaces | Prototyping

Project Link: https://www.figma.com/file/2mWKcqSVG7nMHLehs943e7/Tech%3ANuvYuva?type=design&node-id=1%3A2&mode=design&t=25S0R8hVr5CFI7ll-1

Neofolks Tech Events orchestrates immersive experiences, spanning diverse tech realms like hackathons. Our designs are more than aesthetics; they're gateways to innovation. From captivating social media teasers to informative event websites and stylish on-site signage, every detail is meticulously curated to engage and inspire our tech-savvy audience, ensuring memorable experiences at events like our renowned bih hackathons.

Flight Arrrival Prediction
29 Mar, 2024 - 03 Apr, 2024

Mentor: Dr. Jaideep Raulji | **Team Size:** 4

Key Skills: AI | ML | Tensorflow | Excel | Data Processing | Web Scraping

This project focuses on developing an AI model to predict flight delays and cancellations within the United States. The model will leverage historical flight data, weather conditions, air traffic control information, and other relevant factors to make accurate predictions. Key steps include data collection, preprocessing, feature engineering, model training using machine learning algorithms such as decision trees or support vector machines, and performance evaluation with metrics like accuracy and precision. The goal is to provide airlines and passengers with timely and reliable information to improve travel planning and operational efficiency.

PalpAid
12 Jun, 2023 - 02 Oct, 2023

Key Skills:

Figma | UI Development | UX Design | Prototyping | Wireframing | Problem Solving | User Research | User Experience

Collaboration | Communication

Project Link: https://www.figma.com/file/6MZjJ4Y31ieHYXoZ22L3si/PalpAid?type=design&node-id=1%3A1163&mode=design&t=tJbopEqkhQkz9Ej2-1

I've honed my ability to empathize with users, understanding their needs and challenges in navigating complex health information. Additionally, I've deepened my expertise in crafting user-centered designs, ensuring that every interface element serves a purpose and enhances the overall user experience. Furthermore, I've learned the importance of collaboration and interdisciplinary communication, working closely with developers, healthcare professionals, and stakeholders to translate insights into actionable design solutions. Overall, this experience has not only broadened my skill set but also reinforced my passion for leveraging design to make a meaningful impact in healthcare and beyond.

Teacher Assistant Application
17 Jul, 2023 - 14 Sep, 2023

Mentor: Dr. Ashish Jaani

Key Skills: Android Studio | Mobile Application Development | Flutter | Figma | Prototyping | Dart

Project Link: https://github.com/husena18/Teacher-Assistant

A teacher assistant application employs AI and data analytics to automate grading, manage administrative tasks, and provide personalized learning recommendations. This tool enhances educational efficiency, allowing teachers to focus more on interactive and student-centric activities, ultimately improving the learning experience.

Hydramate
21 Apr, 2023 - 22 Apr, 2023

Key Skills: Figma | User Experience | UX | UI Development | Problem Solving

Project Link: https://www.figma.com/file/1DDyYZgdLnQTU5L0irzVV3/Hydramate?type=design&node-id=0%3A1&mode=design&t=LbZmAuND2g71YcEK-1

My journey with Hydramate, the smart hydration companion app, has been enlightening and enriching. Through this experience, I've delved into the intricate balance of user-centric design and technological innovation. I've learned to distill complex hydration data into user-friendly interfaces that empower individuals to make informed decisions about their health. Overall, my time with Hydramate has been a testament to the transformative power of design in fostering healthier lifestyles and enhancing user well-being.

ACHIEVEMENTS

- Design Head - Cultural Committee NUV
- Marketing officer and outreach Lead - GDSC NUV
- Design, Marketing, Social Media Lead - Neofolks

ASSESSMENTS / CERTIFICATIONS

UX workshop

Key Skills: Figma Wireframing Prototyping UX Design Product Design

Anudeep Ayyagiri's UX workshop was a game-changer for me as a UX designer. Through hands-on sessions, I gained practical skills in user research, wireframing, and prototyping. Anudeep's emphasis on empathy and user-centric design continues to shape my approach, enabling me to create impactful and intuitive experiences for users.

Getting started with Flutter

Key Skills: flutter Application Android Development Mobile Application Development iOS Dart

Obtaining Flutter certification was a significant milestone in my career as a mobile app developer. Through rigorous training and examination, I gained a comprehensive understanding of Flutter's framework and its application in building cross-platform apps. This certification not only validated my expertise but also opened doors to exciting opportunities in the ever-evolving world of mobile app development.

Build 15 AR(augmented reality) apps using Unity

Key Skills: Augmented Reality Unity 3D Mobile Application Development

Completing the augmented reality course where we developed 15 apps using Unity was a transformative experience in my journey as a developer. Through hands-on projects and guided tutorials, I gained a deep understanding of Unity's capabilities and AR development principles. This course not only equipped me with practical skills but also sparked my creativity in exploring the endless possibilities of augmented reality.

Data Visualization

Key Skills: Data Visualization Big Data

AWS Natural Language Processing

Key Skills: Machine Learning Natural Language Processing

AWS Machine Learning Foundations

Key Skills: AWS Machine Learning

PERSONAL DETAILS

Gender: Female
Marital Status: Single
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