

Jenish Hirpara

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EDUCATION

Master of Science in Computer Science

Lamar University, Beaumont, Texas

Expected Graduation - May 2025

GPA: 3.75/4.0

Coursework: Big Data, Machine Learning, Analysis of Algorithms, Advanced Operating System, Foundations of Programming, Foundation of Computer Science, Operating System, Computer Network, Software Engineering

Bachelor of Engineering in Computer Science Engineering

Gujarat Technological University, Ahmedabad, Gujarat

June 2019 - May 2023

C.G.P.A.: 8.90 / 10

Coursework: Artificial Intelligence, Machine Learning, Data Structures, Algorithms, Python for Data Science, System Software, Web Programming, Computer Networks, Data Analysis and Visualization, Cryptography and Network Security

TECHNICAL & INTERPERSONAL SKILLS

Programming Languages: Python, HTML, CSS, JavaScript, Dart, Java, C/C++

Frameworks & Tools: NumPy, OpenCV, Flutter, React, Node.js, Git

Backend: MySQL, MongoDB

PROFESSIONAL EXPERIENCE

Front-End Development Intern – Aideation Labs (Austin, Texas)

May 2024 - Aug 2024

- Assisted in building and maintaining a React-based web application, improving load time by 20% and enhancing responsiveness across 10+ devices.
- Collaborated with backend engineers on API integration, improving data exchange efficiency by 15% and ensuring seamless performance for 50,000+ daily users.
- Adopted and applied best practices in code quality, accessibility, and UI/UX design, reducing bug occurrence by 25% through collaboration with senior developers.

Full Stack Development Intern – Avrut Solutions (Surat, Gujarat)

Jan 2023 - June 2023

- Implemented RESTful APIs, resulting in a 30% improvement in data retrieval speed and handled data integration to support 1 million+ database records.
- Developed and executed efficient database queries, stored procedures, and data migration scripts to support features, resulting in a 15% improvement in application performance.

Front-end Development Intern – Vnurture Technologies (Ahmedabad, Gujarat)

July 2022 - Dec 2022

- Ensured a seamless and intuitive user experience, increasing user engagement by 10% through interactive features, animations, and dynamic content.
- Conducted thorough testing and debugging to ensure 100% browser compatibility, improving customer satisfaction ratings by 20%.

PROJECTS

LinkedIn Clone

June 2021 - May 2022

- Designed and implemented a LinkedIn clone, which supported 500+ active users and showcased proficiency in frontend and backend technologies.
- Implemented secure user authentication and authorization, leading to 100% user retention during beta testing.
- Incorporated real-time updates and notifications, reducing response time by 40%, and allowing users to receive instant updates.

ERP for Hotel Management

March 2021 - May 2021

- Developed an ERP system for hotel management, reducing manual booking errors by 35% and improving efficiency in reservations by 50%.
- Implemented a booking system that handled 1,000+ bookings per month with real-time room availability and confirmation.
- Enhanced customer management by creating a CRM module that increased guest satisfaction by 25% through personalized services.

CERTIFICATES & INVOLVEMENT

Volunteer: Sparsh sports week at BITS Edu Campus 2022, Blood Donation camp at SASIT, Sparsh sports week at bits Edu campus 2021

Certificates: Python Programming, Python for Data Science, Flutter Development