Jenish Hirpara

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EDUCATION

Master of Science in Computer Science   **Expected Graduation - May 2025**
Lamar University, Beaumont, Texas   **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   **June 2019 - May 2023**
Gujarat Technological University, Ahmedabad, Gujarat   **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 Full-Time – 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 Full-Time – 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