

NITI KOTHARI

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EDUCATION

L.J. Institute of Engineering and Technology, L.J. University Ahmedabad, Gujarat
B.E. in Computer Science and Engineering Dec 2022 – Dec 2025

L.J. Polytechnic, Gujarat Technological University | CGPA : 8.80/10 Ahmedabad, Gujarat
Diploma in Computer Engineering May 2019 – Dec 2022

EXPERIENCE

Software Engineering Intern June 2022 – Nov 2022
Softvan Pvt Ltd Ahmedabad, Gujarat

- Implemented a user-friendly interface with responsive design, improving the accessibility and usability of the project.
- Optimized database queries, resulting in a 30% reduction in query execution time and enhanced overall system performance.
- Successfully collaborated with team members to deliver the project within the specified timeline and meet the requirements of the client.

PROJECTS

Anomaly Detection for Financial Transactions July 2023 – Present

- Tech Stack : *Python, Django, Isolation Forest, MongoDB*
- Developed a robust Anomaly Detection system using Python and advanced ML algorithms for fraud detection in financial transactions.
- Utilized data preprocessing techniques to enhance model accuracy and integrated MongoDB for efficient data storage in a user-friendly web interface built with Django.
- Enabled real-time analysis and presented results through interactive visualizations, aiding easy interpretation for financial experts.

Chat Application | HTML, CSS, Javascript, React, NodeJs, ExpressJs, MongoDB August 2023 – Present

- Designed and built a real-time Chat Application enabling users to engage in instant messaging, create profiles, join chat rooms, and exchange multimedia content.
- The project showcases proficiency in full-stack web development and real-time communication technologies.

Weather Application | HTML, CSS, Javascript, Rapid API March 2023 – April 2023

- Integrated with Rapid API to fetch real-time weather data for any location. Visualized weather trends and provided detailed weather information. Presented data in a user-friendly and visually appealing manner.
- Demonstrated strong technical skills and attention to detail. Created a responsive and visually appealing user interface with an intuitive user experience.

College Management System | HTML, CSS, Javascript, Python, Flask, MVC June 2022 – Nov 2022

- Developed a full-stack web application using with Flask serving a HTML, CSS and Javascript as the frontend
- Implemented the MVC (Model-View-Controller) design pattern to efficiently manage data without direct SQL queries, enhancing data organization and separation of concerns within the application.
- Included features such as student registration, course enrollment, grade management, attendance tracking, and document sharing.
- Incorporated secure user authentication and role-based access control for enhanced data privacy and security.

TECHNICAL SKILLS

Languages : Python, Java, C, C++, SQL, JavaScript, HTML, CSS

Database : MySQL, MongoDB, Oracle, PostgreSQL

Tools and Frameworks : Flask, Django, Express, React, Node.js, Visual Studio Code, Git, Jupyter, PyCharm, IntelliJ, Eclipse, Linux

Skills : Agile Software Development, Software Development, Object Oriented Programming, Software Documentation, Full Stack Development, Machine Learning

Certificaions : [HTML, CSS, and Javascript for Web Developers](#) | [IBM Data Analysis For Machine Learning](#) | [IBM Data Science Professional Certificate](#)