

Pritesh Mangukiya

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OVERVIEW

Enthusiastic and dedicated graduate student pursuing a MASTER'S degree in APPLIED COMPUTER SCIENCE from CONCORDIA UNIVERSITY with a keen interest in leveraging advanced data science techniques to drive meaningful insights and solutions. Eager to apply theoretical knowledge and practical skills in real-world scenarios, contributing to innovative projects and initiatives in the field of data science or related roles. Passionate about harnessing the power of data to inform decision-making and enhance organizational performance.

EDUCATION AND HONORS

Concordia University (GPA : 3.6/4)

Masters in Applied Computer Science (MApCompSc)

montreal , QC

Jan 2024-present

- Relevant Coursework: Machine Learning, Data Science Statistics, Big Data Analytics, Probability & Discrete Mathematics

Gujarat Technological University, (GPA : 3.8/4)

Honors Bachelor of Engineering with High Distinction (computer engineering)

Surat,Gujarat

July 2019 - May 2023

- Honors : High Distinction , MYSY scholarship

2019,2020,2021,2022

PROFESSIONAL EXPERIENCE

exomoon infotech

web developer intern

Surat , GUJARAT

January 2022 - June 2022

- Developed dynamic front-end interfaces using React.js, implementing reusable components, state management (redux/Context), responsive design to enhance user experience across different devices and improved page load time by 25%.
- Built and maintained RESTful APIs with Node.js and Express.js which optimized API response time by 15%, ensuring smooth communication between the front-end and back-end while handling data efficiently using MongoDB for database management which helped improving data retrieval time by 10%..
- Collaborated in an Agile environment, contributing to sprint planning, code reviews and the implementation of key features while troubleshooting bugs and optimizing performance, reducing reported bugs by 30%,22.

SKILLS

- Programming Languages:** Python, Java, C, C++, JavaScript, HTML, CSS , SASS, Wordpress
- Development and Database :** React.js, Responsive Design, Bootstrap, Node.js, Express.js, RESTful APIs, Authentication (JWT , OAuth), Redux, Context API, MongoDB, MySQL, PostgreSQL
- Version Control & API Integration :** Git, GitHub, RESTful APIs, JSON, Postman
- Miscellaneous :** CI/CD, Docker , Heroku

PROJECTS AND LEADERSHIP

iNoteBook

Web-App (Gujarat Technological University)

May 2022 - June 2022

- Developed SPA web app which is developed using MERN stack . This app is used to store notes in private by signing up and logging in on the website and a user can use the saved notes and make new notes anywhere by just logging in on the website .
- This website is made using personal made APIs to fetch the data in the database . Authentication for login is done using JWT and OAuth for data security of 100+ registered users .

Covid-19 Tracker

Gujarat Technological University

March 2021

- Developed an interactive, responsive COVID-19 tracker using React.js, featuring a dynamic dashboard that visualizes daily new and recovered cases by 100+ country. Integrated a public API for real time updates, resulting in a 15% increase in user engagement.

NewsMonkey

Web-App (Gujarat Technological University)

March 2022 - May 2022

- Implemented SPA web app which is developed using the MERN stack (React JS , Node JS , Express JS , MongoDB)
- This web app gives the latest news according to the category of the news we want by dynamically fetching data from API.

Teaching Assistant

Machine Learning (Gujarat Technological University)

july 2021 - December 2021

- Collaborated with instructor and 5 other TAs to lead recitations, grade coursework, and answer 60+ students' questions.

Python For Data Science (Gujarat Technological University)

January 2022 - May 2022

- Collaborated with instructor and 6 other TAs to lead recitations, grade coursework, and answer 55+ students' questions.