PRITESH MANGUKIYA

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EDUCATION

Concordia University	*Montreal, Canada*
Master of Applied Computer Science - CO-OP; **GPA: 3.6/4.3**	*January 2024 - December 2025 (Expected)*
Gujarat Technological University	*Gujarat, India*
Bachelor of Engineering in Computer Engineering; **GPA: 8.9/10**	*August 2019 - May 2023*

SKILLS

Languages:	JavaScript, C/C++, HTML/CSS, Python, Java, C#
Frameworks & Technologies:	React.js, Express.js, Redux, Node.js, Android Studio, ASP .NET, PHP
Database & Devops:	Docker, AWS, Git, Postman, MongoDB, MySQL, PostgreSQL

EXPERIENCE

Web Developer Intern *January 2023 – December 2023*
Starbyte infotech *Surat, Gujarat, India*

- Developed adaptive front-end interface using React.js, implementing reusable components, state management , responsive design to enhance user experience across different devices and improved page load time by **25%**.
- Built and maintained RESTFul APIs with the Node.js and Express.js which optimized API response time by **15%**, ensuring smooth communication between communication between frontend and backend while handling data efficiently using MongoDB for database management which helped improve 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%**.

Data Science Intern *May 2022 –December 2022*
Exomoon Infotech *Surat, Gujarat, India*

- Applied statistical techniques and machine learning algorithms to analyze large datasets **(100K+ records)**, uncover patterns, and build predictive models with an **85%** accuracy rate, improving business decision-making.
- Cleaned and preprocessed raw data to enhance accuracy, completeness, and consistency, reducing data errors by **20%** using data wrangling and feature engineering.
- Collaborated with cross-functional teams to solve 5+ business challenges, using data driven hypotheses and experiments to deliver insights that improved efficiency by 5%.

PROJECTS

iNoteBook
React.js, Express.js, Node.js, MongoDB, Bootstrap.

- Developed a secure note-taking app with JWT and OAuth authentication, serving 100+ active users.
- Created and integrated custom APIs to efficiently fetch and post notes to the database, achieving 30% reduction in response time and enhancing overall user experience

WarZone

- Collaborated with a team of 5 to develop a console-based game in Java using agile methodologies, incorporating multiple design patterns to enhance maintainability.
- Implemented CI/CD pipelines and wrote over 100 unit test cases, ensuring high code quality and adherence to standard coding conventions.

Covid-19 Tracker
React.js, API Integration, HTML/CSS3, Javasript

- Built an interactive, responsive COVID-19 tracker using React.js, displaying real-time data for daily new and recovered cases across 100+ countries.
- Integrated a public API for real-time data fetching, enhancing user experience and data accuracy.

ACHIEVEMENTS

- Solved more than 170+ problems on Codeforces and highest rating of 1683 (3 stars) on Code Chef.
- Secured world wide rank of 3301 in Codeforces Round 691 (Div. 2) contest on codeforces .