NEEL SADAFULE

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TECHNICAL SKILLS

- **Programming Languages:** Python, C, C++, C#, MATLAB
- **Web/Mobile Development:** HTML5, CSS3, JavaScript, Bootstrap, React.js, Next.js, React Native
- **Database Management:** MySQL, MongoDB
- **Tools and Platforms:** AnyLogic, Linux, Git, GitHub, Visual Studio Code, Figma, Balsamiq, AdobeXD

NON-TECHNICAL SKILLS

- Excellent written and verbal communication skills.
- Ability to work in high-pressure situations.
- Teamwork and organizing skills acquired from working on group projects.
- Can adapt to situations which require urgency and multi-tasking.
- Quick learner and willing to take challenges.

PROJECTS

Operations Research   **Jan 2024 - Present**

Operations Research Clinic, MATH 402W, SFU

- Engaged in an ongoing Operations Research Clinic project in partnership with Vancouver Coastal Health.
- Aimed at enhancing patient management in Community Health Centers through data simulation and analytics.
- Utilized Python for analyzing de-identified data, focusing on patient capacity optimization by considering client population complexities and schedule variations.
- Emphasized iterative validation and refinement for developing an effective patient scheduling system.

Weather App built using React Native   **Feb 2024 - March 2024**

Personal Project

- Developed a cross-platform mobile app using React Native to provide current and forecast weather conditions.
- Implemented Axios with the Weather API to fetch and display weather data based on the user's location or a searched city and integrated Async Storage for persisting user preferences.
- Implemented a dynamic and responsive UI that reflects current weather conditions, a 7-day weather forecast, and atmospheric details like wind speed and humidity.
- Designed for both iOS and Android platforms, with development and testing conducted to ensure a seamless user experience across devices.

Personal Portfolio built using React.js   **Dec 2024 - Present**

Meta Front-End Developer Professional Certificate

- Developed a comprehensive React portfolio showcasing proficiency in component composition, state management, API interaction, and responsive design.
- Employed version control with Git to manage and track changes throughout the development process, facilitating code maintenance.
- Utilized NPM to manage project dependencies and streamline the build process, ensuring a well organized and efficient development workflow.

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PROJECTS

Urban Shack   **July 2023 - Oct 2023**

Google UX Design Professional Certificate

- Conceptualized and developed 'Urban Shack,' a food delivery app featuring an innovative group ordering system, allowing users to track and settle balances within the app.
- Crafted paper wireframes, low-fi prototypes, and finally a high-fi prototype through user research, interviews, and iterative design processes.
- The project involved continuous iterations to enhance user experience based on valuable insights gained from usability studies and user feedback.

SFU Mountain Mayhem   **July 2023**

Mountain Top Game Jam 2023

- Collaborated in developing "SFU's Mountain Mayhem," a dynamic game crafted within a 24-hour timeframe during a game jam.
- Utilized Unity to construct the gaming environment and wrote C# scripts to control various in-game behaviors.
- Played a key role in graphic design and UI development, ensuring a seamless and engaging user experience.

WORK EXPERIENCE

Merchandiser   **Feb 2022 - Dec 2023**

Brand Momentum – New Westminster, BC

- Implemented effective merchandising strategies at retail stores, ensuring optimal product presentation through proper rotation, restocking, and distribution.
- Achieved Planograms and schematics compliance, enhancing the visual appeal of store sections.
- Streamlined operational processes by submitting daily visit reports and call reports, ensuring clear communication and documentation of merchandising activities.

Customer Experience Omni Associate   **Jun 2020 - Oct 2021**

Walmart – New Westminster, BC

- Proficiently managed online orders via phone, ensuring seamless transactions and customer satisfaction.
- Meticulously documented and labeled orders, displaying a keen ability to interpret and comprehend complex documentation accurately.
- Successfully balanced order fulfillment responsibilities with proactive customer interaction and efficient resolution of issues.

EDUCATION AND CERTIFICATIONS

Simon Fraser University   **Jan 2020 - Present**

Bachelor of Science - BSc Computing Science and a Mathematics Minor.

- Meta Front-End Developer Professional Certificate
- Google UX Design Professional Certificate
- Programming in JavaScript by Meta
- Programming in Python by Meta