

Rajan V. Thakkar

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OBJECTIVE

Seeking opportunities to utilize my software development skills and innovative ideas that contribute effectively to a dynamic organization with continuous learning and enhancing my skills to achieve professional growth and excellence.

CAREER HIGHLIGHTS

- Pursuing the Mobile Application Development and Strategy Program with a 4.0 GPA, enhancing Android and iOS development skills.
- Proficient in agile methodologies and collaborative software development.
- Strong problem-solving and debugging skills for complex technical issues.
- Experienced in full-stack development, database management, and API management.
- Excellent communication skills, both written and verbal, for effective collaboration.
- Comprehensive knowledge of the software development life cycle and testing.

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C++, C, Xcode, Swift, Kotlin, Git, GitHub
- **Web Development:** HTML5, CSS3, JavaScript, React
- **Software Development Life Cycle (SDLC):** Agile methodologies, Waterfall
- **Database:** PostgreSQL, MySQL, No SQL, Firebase
- **Product Management:** Product design (UX & UI), Project mgmt., Problem solving, Data analysis, Design thinking, JIRA, Cross-functional Teams

PROJECTS

- **Dice Android Application:** <https://github.com/ThakkarRajan/DiceApplication>
- **Weather Android Application:** <https://github.com/ThakkarRajan/Weather-App>
- **Login/Signup with Google Android App:** <https://github.com/ThakkarRajan/DiceApplication>
- **Alarm Android Application:** <https://github.com/ThakkarRajan/MyAlarmByRajan>
- **News Android Application:** <https://github.com/ThakkarRajan/News-Application>
- **Natural Walk iOS App:** Integrated Firebase for robust user authentication, profile management, and transaction tracking.
- **Parking iOS App:** Harnessing Swift and Location, optimizing parking solutions and UI&UX

EXPERIENCE

Machine Learning Intern | Inferenz.io (Ahmedabad, India) | September 2021 – January 2022

- Developed and optimized an image classification model using Python, TensorFlow, and deep learning techniques, achieving 89% accuracy - a 50% improvement over the baseline model.
- Performed data preprocessing and analysis using Python libraries such as pandas and NumPy for machine learning model development.
- Built and trained machine learning models, attaining 71% accuracy through iterative model tuning and optimization.
- Documented the end-to-end machine learning development process, including data preparation, model architecture, training, and evaluation.
- Designed and implemented augmented reality (AR) applications for face detection, applying filters and rendering 3D objects on detected facial landmarks.

EDUCATION

George Brown College, Toronto, Canada

January 2024 – December 2024

Mobile Application Development and Strategy Program

Conestoga College, Kitchener, Ontario

January 2023 – August 2023

Big Data Solution Architecture

Gujarat University, Ahmedabad, India

June 2020 – June 2022

Master of Science in Artificial Intelligence and Machine Learning

Marwadi University, Rajkot, India

July 2017 – June 2020

Bachelor of Computer Application