Rohan Singh Bhojak

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Education

Galgotias University   **2022 − 2026**
Bachelor of Technology in Computer Science   *Gautam Buddha Nagar, Uttar Pradesh*

Relevant Coursework

- Data Structures
- iOS Development
- Algorithms Analysis
- UI/UX Designing
- Database Management
- Computer Architecture
- Web Development

Experience

Infosys   **March 2025 − April 2025**
iOS Application Development Intern   *Mysore, Karnataka*

- Led as Scrum Master, agile development sprints and facilitating daily stand-ups, sprint planning, and retrospectives to ensure timely project delivery.
- Developed real-world iOS applications, built intuitive and responsive user interfaces using SwiftUI, integrating Apple frameworks like MapKit and EventKit and etc.
- Implemented features like location tracking, calendar events, and data storage using CoreData and UserDefaults and Worked on integrating RESTful APIs for dynamic data handling and app functionality.
- Maintained version control and code collaboration through GitHub, ensuring clean, documented, and testable code.

Projects

Health Tracking App | *Swift, UIKit*   **Present**

- Built a comprehensive iOS application to track user health metrics such as medication intake, symptoms, and activity logs.
- Integrated Apple frameworks like EventKit to schedule medical information on the calendar and worked with ML (Machine Learning) model.
- Implemented Database and CoreData for secure local data storage.
- Focused on user-centric design and accessibility using swift UIKit for clean, responsive interfaces.

Fleet Management System | *Swift, SwiftUI, Supabase, MapKit*   **March 2025**

- Developed a full-featured iOS application to manage vehicle fleets, including real-time tracking, maintenance scheduling, and driver coordination.
- Utilized Supabase as the backend for authentication, database management, and real-time updates across the app.
- Integrated MapKit to display live vehicle locations, routes, and geo-fencing using interactive map views.
- Designed separate user flows and dashboards for admin and drivers to manage tasks, assignments, and vehicle logs effectively.

Breathing Exercise & Analysis App | *Swift, SwiftUI*   **February 2025**

- Created a calming iOS app featuring guided breathing techniques such as Box Breathing, 4-7-8 Breathing, and Alternate Nostril Breathing to support mental wellness.
- Implemented microphone-based and gyroscope-based breathing rate detection using AVFoundation and CoreMotion, offering real-time insights into users' inhale-exhale cycles.
- Designed a clean and accessible SwiftUI interface with smooth transitions and progress indicators to enhance the user's meditation and relaxation experience.

Technical Skills

Languages: C++, Swift, Python, C, JavaScript, SQL
Developer Tools: VS Code, XCode, Eclipse
Technologies/Frameworks: GitHub, Jira, UIKit, SwiftUI

Extracurricular

Participated in Apple WWDC Swift Student Challenge 2025   **February 2025**
Global Participation

- Designed and submitted an innovative iOS app project demonstrating proficiency in SwiftUI.