

# Kumar Shashwat

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## EDUCATION

- **ABES Engineering College** Ghaziabad, India  
*Bachelor of Technology - Computer Science;* October 2022 - June 2026  
*Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Website development, Networking, Databases*
- **Trinity Global School** Patna, India  
*Scored 92.8% in 12th boards and 93.5% in 10th boards;* June 2019 - May 2021  
*Courses: Physics, Chemistry, Mathematics, Physical Education*

## SKILLS SUMMARY

- **Languages:** C, C++, Swift, JavaScript, Python, JAVA
- **Frameworks:** SwiftUI, UIKit, Combine, CoreLocation, HealthKit, CoreData, Express, NodeJS
- **Tools:** Xcode, Git and Github, Firebase, Postman, Shots.so, Figma
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

## PROJECTS

- **Healthify(Swift, SwiftUI, HealthKit , Firebase , Combine , Gemini API):** Healthify is a modern fitness app designed to help users stay on top of their wellness goals. It leverages **Apple's HealthKit** to seamlessly track daily steps, calories burned, and other health-related activities, providing real-time insights into your fitness journey. Additionally, Healthify integrates **Gemini's AI API** to power an intelligent **chat assistant**, enabling users to ask personalized questions related to fitness, workouts, nutrition, and overall health anytime, anywhere.
- **PMRC (Swift, SwiftUI, Vapor, Xcode, JSON, Payment gateway integration):** Initiated and developed a **smart iOS application** to streamline metro travel in Patna. Designed a **user-friendly interface** for **seamless route navigation**, **real-time metro updates**, and **commuter convenience**. Implemented **Dijkstra's algorithm** to compute the **shortest and most efficient routes** across the metro network. Integrated **Combine** for **reactive state management** and **Firebase** to securely **store and manage user Metro card details**. Built to enhance the transit experience for daily commuters and city visitors by providing a reliable and hassle-free metro journey
- **Animetoon (Swift, SwiftUI, Xcode, JSON, API integration):** AnimeMangaToon is the ultimate reading app for manga, anime comics, and light novels. Made to captivate your imagination, it brings your favorite genres to life with stunning visuals, immersive storytelling, and an easy-to-use interface

## EXPERIENCE

- **Manalce Technologies Pvt Ltd**  
*iOS developer (Intern, Hybrid)* Jan 2025 - April 2025
  - **Build APP from scratch:** I designed and developed a complete iOS application from scratch, focusing on delivering a secure and seamless user experience. The app includes robust user authentication, including two-factor authentication (2FA) for enhanced security. I integrated a WebView component within the application. The project was specifically built for a targeted user base, catering to the 10% of the client's audience who were iOS users.
  - **Msell assist:** Implemented an Info button that increased feature discover ability by 30%, providing detailed descriptions of core functionalities such as "My Standard Week" for efficient weekly schedule organization and "Availabilities Calendar," enabling users to mark and share availability seamlessly
- **Togever.co** Remote  
*iOS developer (Part-time, Contractual)* Nov 2024 - Present
  - **Homepage functionality:** Designed and developed a fully functional homepage, achieving a 20% reduction in user navigation time by streamlining the interface and enhancing accessibility to core features.
  - **Info section:** Implemented an Info button that increased feature discoverability by 30%, providing detailed descriptions of core functionalities such as "My Standard Week" for efficient weekly schedule organization and "Availabilities Calendar," enabling users to mark and share availability seamlessly

## CERTIFICATES

- **iOS Development Course (Swift, SwiftUI, UIKit, Firebase, MVVM, CoreData, SwiftData,Vapor):** Gained hands-on experience in developing, testing, and deploying iOS apps, along with a strong understanding of Apple's design principles and development tools like Xcode and Interface Builder.
- **DSA in C++(Linear Data Structure, tree, DP, graph, Algorithms):** Successfully completed a comprehensive program focused on mastering data structures and algorithms using C++. Gained expertise in problem solving, code optimization for efficiency and use of STL for practical implementations

## VOLUNTEER EXPERIENCE

- **Placement Coordinator at ABES Engineering College** Ghaziabad,India  
*Conducted online and offline technical & soft-skills training impacting over 3000 students.* Dec 2024 - Present
- **Development and Promotion lead and at ACM ABES** Ghaziabad, India  
*Organized events, conducted workshops and delivered workshops reaching over 1000 developers.* May 2024 - Present
- **Campus Ambassador at Physics Wallah** Ghaziabad, India  
*Enrolled 50+ students in Physics Wallah different courses.* Sep 2024 - Present