Prathit Mehul Panchal

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Portfolio: https://prathit22bce0538.github.io/personal-portfolio-/

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Github: https://github.com/PRATHIT22BCE0538

Professional Summary

Results-driven Computer Science Engineering student with hands-on experience in full-stack web and cross-platform mobile development. Certified as both an Oracle Java Foundations Associate and an Oracle APEX Cloud Developer Certified Professional. Proficient in Flutter, Swift, React, Firebase, and REST APIs with strong command over modern development practices. Successfully contributed to the AsiaNet Consumer App during an internship, delivering a production-ready broadband service app deployed to both Play Store and App Store with support for 5,000+ users. Built feature-rich iOS apps for real-time restaurant ordering and interactive quizzes using SwiftUI and Combine. Designed a React-based website for pet care services, and implemented Java-based desktop software and IoT-enabled robots for academic projects. Known for problem-solving, UI/UX design, Agile team collaboration, performance optimization, and rapid adaptation to new technologies. Eager to contribute to impactful software solutions in a dynamic engineering environment.

Education

B.Tech in Computer Science Engineering

Vellore Institute of Technology, Vellore | 2022 - 2026

• GPA: 8.09/10 | Key Courses: Data Structures, Algorithms, Operating Systems, IoT

Zydus School for Excellence, Ahmedabad | CISCE Board | 2008 - 2022

• 12th Grade: 87% | 10th Grade: 89.6%

Technical Skills

Languages: Java, Python, JavaScript, Dart, Swift

Frameworks: Flutter, SwiftUI, UIKit, React, HTML, CSS

Databases & Backend: Firebase Realtime DB, REST APIs, SQL

Tools & Platforms: Git, GitHub, Xcode, Android Studio, VS Code, Postman, Firebase Console

Concepts: UI/UX design, State Management, Offline Persistence, Authentication, Debugging, Performance Optimization, Version Control, Agile/Scrum, CI/CD

Professional Experience

Mobile App Developer Intern | Avion Software Technologies, Navi Mumbai

June 2025

• Built AsiaNet broadband app targeting over 5,000 users using Flutter and Firebase.
• Developed login, real-time usage tracking, billing dashboard, and plan upgrade features.
• Integrated 15+ RESTful endpoints and improved app load time by 30% with caching.
• Collaborated in 5-member Agile team using Git and conducted unit/UI testing.
• Deployed application on Google Play Store and Apple App Store.

Projects

Sushi Restaurant iOS App | Appuno IT Solutions | May 2025 View

• Built SwiftUI app with MVVM and Combine for 300+ users.
• Added UPI, card, and cash payments, order tracking, and push notifications.
• Implemented Core Data for offline caching and Firebase Auth for secure access.

Harry Potter Spell Game & Adaptive Quiz App | 2025 View

• Created 3-in-1 interactive Swift-based app with quiz engine, card war game, and spell-casting module.
• Offline support with Core Data; Firebase Auth for account management.

Pet Care Website | VIT | 2023 – 2024 View

• Developed React-based responsive website for pet care booking and testimonial submissions.

Obstacle Avoidance Robot | Zydus School | 2021 View

• Built IR sensor robot with WiFi microcontroller, controlled via Blynk IoT app.

Certifications(Click on the particular certificate to verify)

• Oracle Certified Foundations Associate – Java | Credential ID: 100772119JAVA8OJA

• Oracle APEX Cloud Developer Certified Professional | Credential ID: 100772119APEX24CDOCP

Soft Skills

• Effective Communicator – Able to explain complex technical concepts clearly to teammates and stakeholders

• Team Collaboration – Worked in Agile teams with designers, backend developers, and testers to deliver production-ready applications

• Adaptability – Quick to learn and implement new frameworks and tools

• Time Management – Managed multiple academic and personal projects while maintaining academic performance

• Leadership Potential – Took ownership of end-to-end app features during internships and personal projects

Languages Known

• Gujarati (Native)

• English (Fluent)

• Hindi (Fluent)

• Spanish (Beginner)