

Siddharth Bhaskar

+91 7006112032 • sidbhaskar1111@gmail.com • [GitHub](#) • [LinkedIn](#) • [Medium](#)

Education

- **VIT Bhopal University**, Bhopal | Bachelor of Technology, Computer Science 2022 – 2026
- **JK Public School**, Jammu | Non - Medical with Computer Science

Skills

- **Development:** Flutter, Jetpack Compose, Node.js, Express.js, FastAPI, HTML, CSS
- **Database:** MongoDB, Firebase, MySQL
- **Languages:** Java, Python, Kotlin, Dart, C/C++
- **Tools and Platforms:** GitHub, VSCode, IntelliJ IDEA, PyCharm, Android Studio, Postman
- **Soft Skills:** Problem-Solving, Time Management, Team Collaboration, Excellent Communication

Experience

Mobile App Development Intern – Avanox (Bike Rental Platform)

NOV 2024 – FEB 2025

Tech Stack: Flutter, Dart, Firebase, REST APIs, Git, GitHub, Figma, VS Code

- Built 2 Flutter apps (renter/owner) for bike rentals, cutting onboarding time by 30% via streamlined authentication and UI.
- Implemented Firebase authentication using *phone number login and OTP verification* for secure access.
- Designed 10+ responsive UI components (splash, authentication, homepage) based on Figma designs.
- Integrated *RESTful* API with Node.js backend, slashing latency by 25% by using *BLoC State management*.
- Contributed to MongoDB schema discussions and optimizations, supporting efficient data retrieval.
- Utilized *Git and GitHub for version control*, ensuring smooth collaboration with cross-functional teams and maintaining code integrity.

Projects

Smart Home Automation (IntelliNest) – Flutter, Dart, SyncFusion, Firebase Database, IOT Hardware.

[\[LINK\]](#)

- Developed a cross-platform mobile application using Flutter and Dart to control and monitor IoT sensors remotely via the Internet.
- Integrated real-time, dynamic graphs and environmental statistics using SyncFusion for data visualization.
- Optimized backend performance with Firebase Realtime Database, reducing data sync latency by 30%, ensuring seamless device control.
- Implemented *local device notifications* to promptly alert users of critical sensor-detected events.
- Secured user authentication with *Firebase Authentication* and Google Sign-In, improving login success rates and reducing unauthorized access attempts by 25%.

Vehicle Rental App – Flutter, Dart, Firebase (Authentication, Firestore), Git, Android Studio.

[\[LINK\]](#)

- Implemented *Firebase Authentication* for secure and fast user login, signup, and signout functionality.
- Designed an *Onboarding Screen* to collect user information for personalized experiences.
- Enabled users to browse and select vehicles by categories (e.g., cars, bikes) with an intuitive UI.
- Integrated a *Database Search* feature for users to directly search for specific vehicles by name.
- Developed a *Booking History* feature to allow users to track their past bookings.

Certifications

- **Flutter & Dart - The Complete Guide**
 - Gained expertise in Flutter framework, Dart programming, and building cross-platform mobile apps.
- **The Bits and Bytes of Computer Networking**
 - Learned networking fundamentals, TCP/IP, DNS, and troubleshooting techniques.
- **NPTEL Cloud Computing – IIT Kharagpur**
 - Covered cloud models, virtualization, security, and deployment strategies