

Automobile

Mobile App Development

IT Staff Augmentation

## Transforming Two-Wheeler Ownership with a Mobile-First Approach

How Hero Motors transformed the two-wheeler ownership experience by developing a feature-rich mobile application that provides real-time vehicle information, convenient service booking, and personalized recommendations, all while ensuring data security and privacy.





# iProgrammer, in a nutshell



## 17 Years of Excellence

For 17 years, iProgrammer has excelled in bespoke product engineering and more.



## 300+ Products Live

Successfully delivered premier products across both web and mobile platforms to date.



## Fortune India 500

iProgrammer has been the technology partner to Fortune India 500 - Hero Corp, Tata Communications and HDFC.



## 350+ Tech Team

We are more than 350 tech experts with a strong background in various leading technologies.



## 4 Million DAUs

Our B2C mobile application developed for Vodafone-Idea currently has 4 million daily active users (DAUs).



## 128 Million End Users

Our applications have been utilized by around 128 million end users globally.



# Business Requirement

Hero Motors required a mobile application to enhance customer experience. The app should provide features like vehicle search, details, service booking, dealer locator, product information, and maintenance tips. It should be user-friendly, secure, and accessible to Indian customers.





Hero MotoCorp sought to develop the **"One App"** for managing its vehicles and enhancing user experiences. The project included features like lifecycle tracking, service bookings, and banner management, supported by a robust tech stack. To ensure timely delivery and innovation, Hero MotoCorp partnered with iProgrammer's IT Staff Augmentation services, deploying a skilled team to meet project demands effectively.

## Key needs included:



### Customized Talent Deployment

iProgrammer provided a specialized team with expertise in Android/iOS frontend development, Core PHP backend, and Java middleware. This team seamlessly integrated with Hero MotoCorp's existing development processes, ensuring rapid adaptation and alignment with project goals.



### Scalable Resource Management

To accommodate the dynamic needs of the "One App" project, iProgrammer offered flexible resource scaling. From initial design to complex features like banners management and lifecycle data tracking, resources were allocated efficiently to ensure timely delivery without compromising quality.

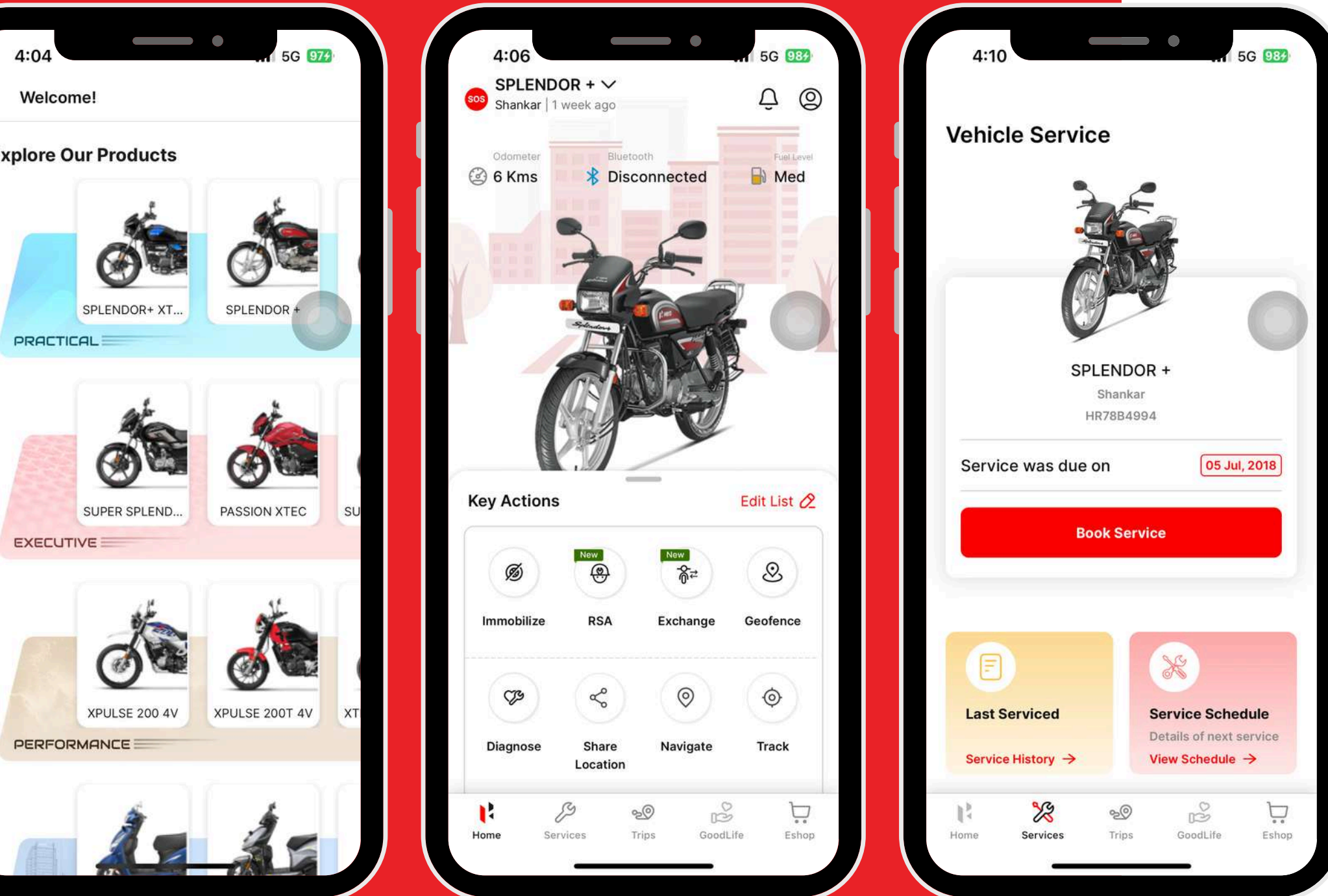


### Technical Leadership & Support

iProgrammer's team executed development tasks while offering strategic guidance on utilizing MySQL, Cosmos DB, Oracle DB, and Snowflake, enhancing the app's performance, scalability, and user experience.

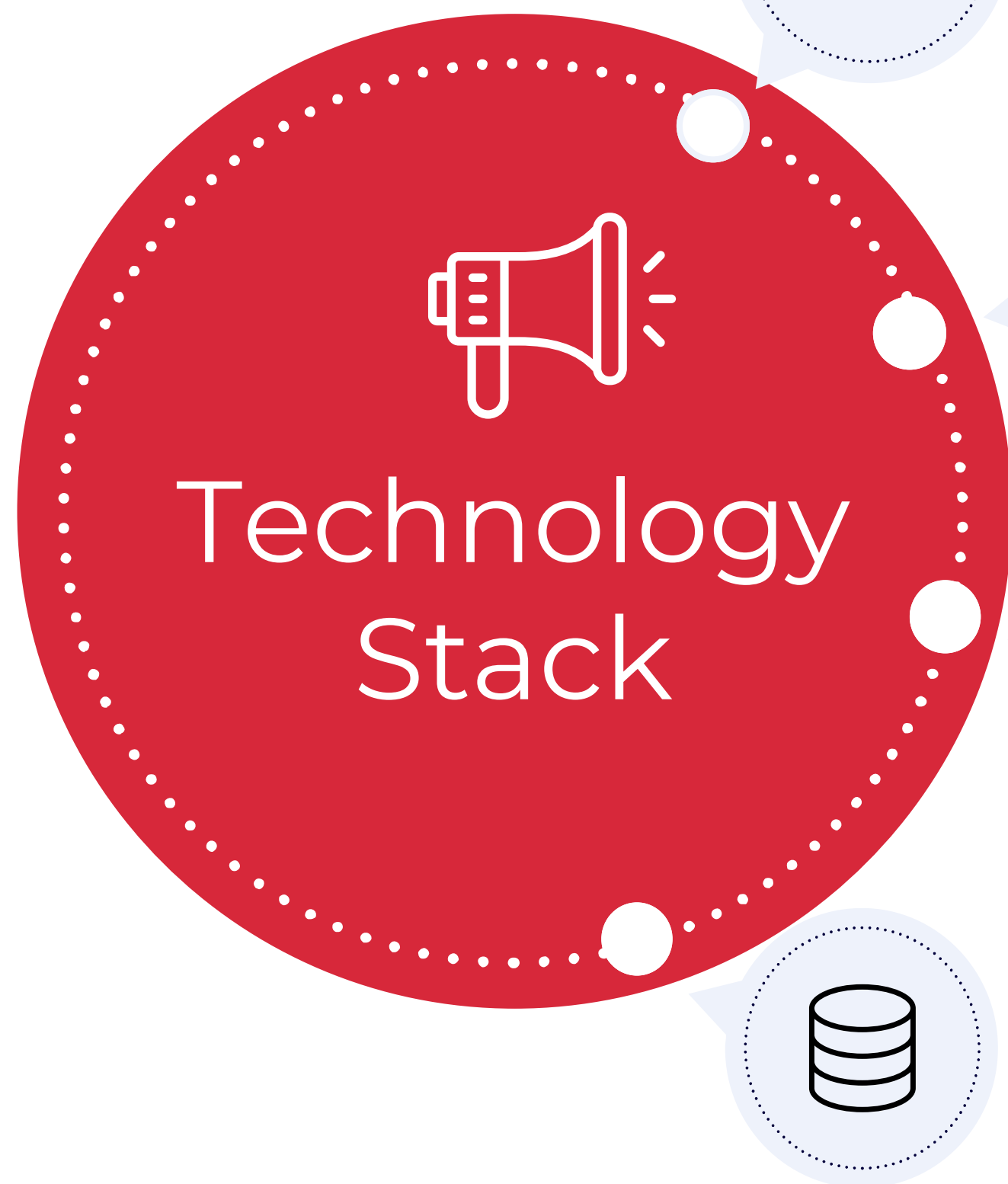






## Key Features

- 01 Vehicle Management:** A unified interface for managing details of all Hero vehicles.
- 02 Dashboard:** Detailed vehicle information with options to book services.
- 03 Record-Keeping:** Tracks end-to-end lifecycle data such as servicing, purchase history, test rides, roadside assistance, and e-commerce (e.g., accessories like helmets).
- 04 Banners Management:** A near-independent module to manage banners, including types like offer banners, animation banners, popup banners, gamification banners, cards, and posts.
- 05 Guest Journey:** Customized experiences for guest users to enhance engagement.



**iOS**

## Android and iOS

Android and iOS are the dominant mobile platforms, ensuring maximum user reach and compatibility for Hero MotoCorp's diverse customer base. Their robust SDKs and native development capabilities provide superior performance, responsiveness, and access to advanced hardware features.

**php**

## Back End - Core PHP

Core PHP offers simplicity, speed, and flexibility, making it an ideal choice for building a scalable backend for a feature-rich application like "One App." Its wide developer community ensures quick troubleshooting and cost-effective development.



## Middleware - Java

Java's platform independence and high performance make it perfect for middleware operations. It ensures seamless communication between the frontend, backend, and database layers while handling complex business logic efficiently.

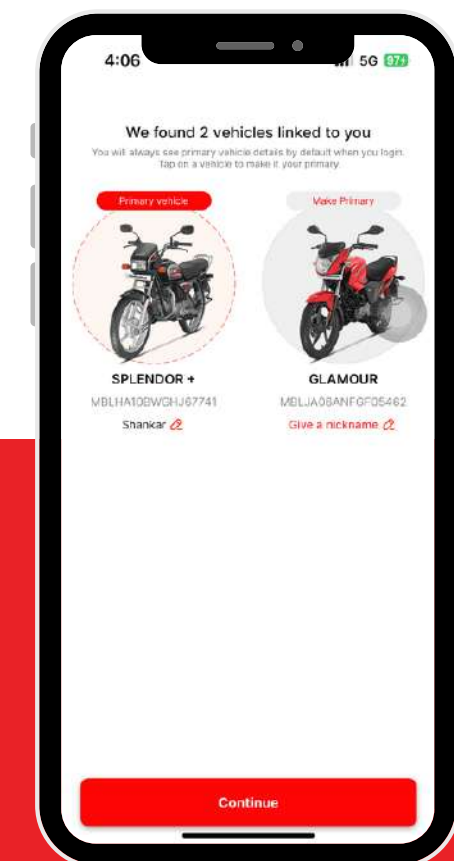
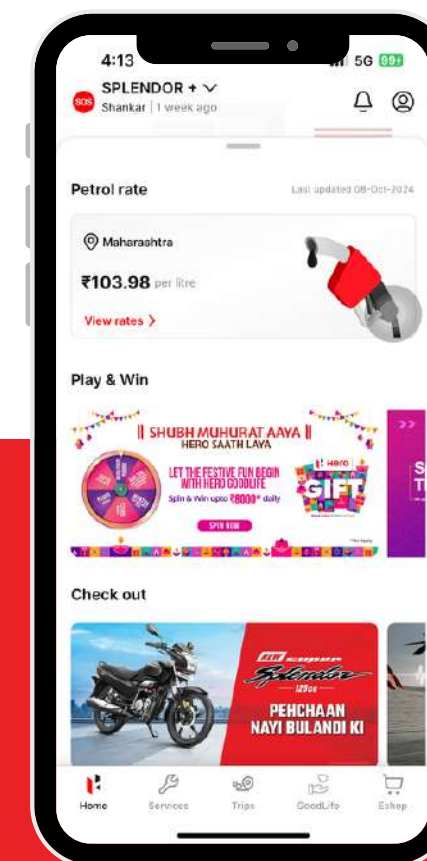
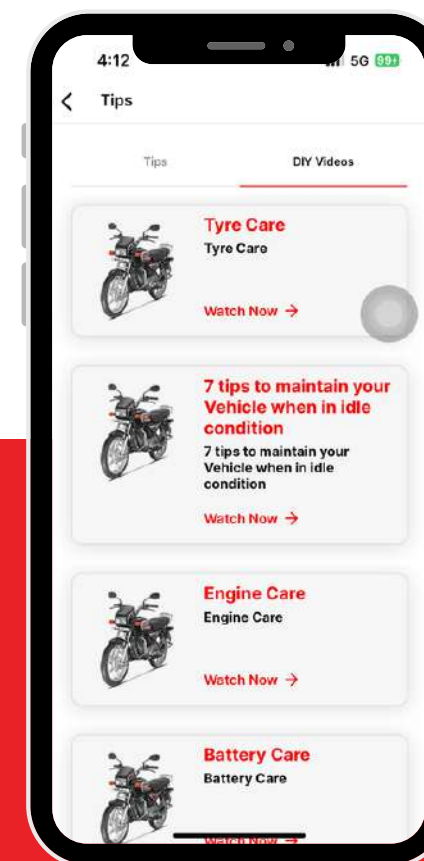
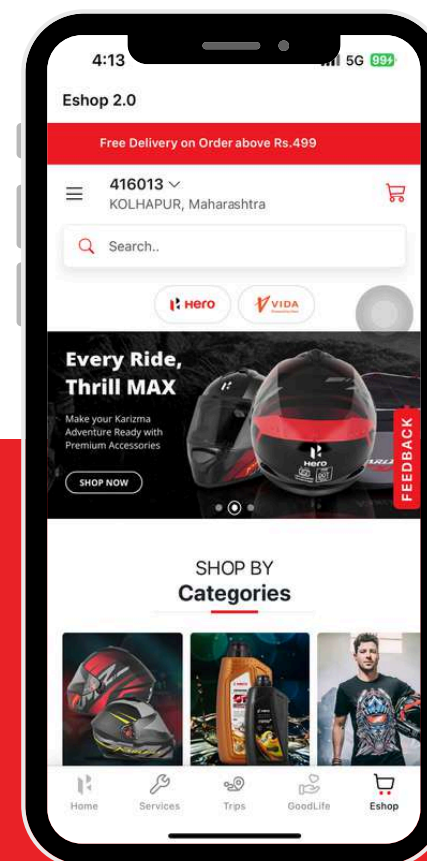
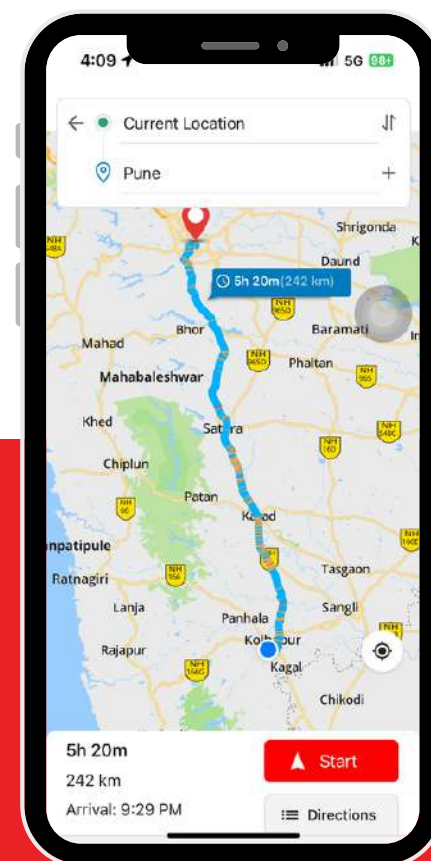
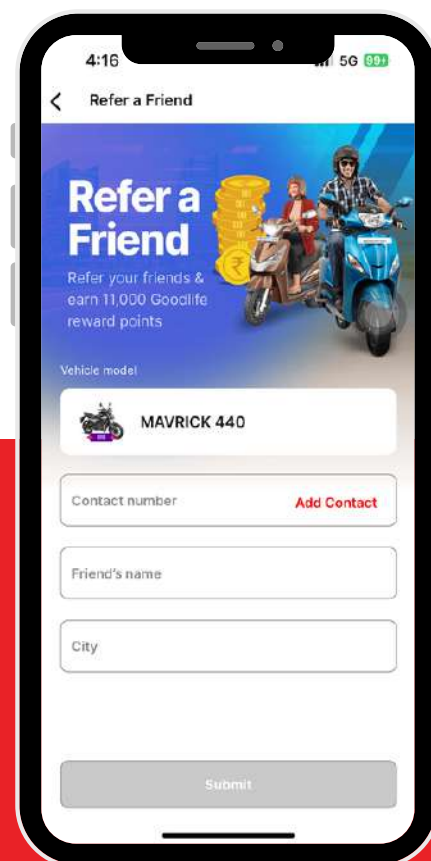


## Database: MySQL/ Cosmos DB/ Oracle DB / Snowflake

This diverse database stack ensures reliability, scalability, and performance. MySQL handles structured data, Cosmos DB offers low-latency global access, Oracle DB manages complex transactions, and Snowflake supports large-scale analytics and real-time insights.

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# Hero Mobile Application – A Glimpse





# TOP QUALITY REMOTE HIRING IN **4 SIMPLE** STEPS

Find and onboard top remote talent seamlessly from iProgrammer.



## LIST YOUR REQUIREMENTS

Our team will contact you to understand your requirements.



## GET A LIST OF PROFILES

We initiate candidate discovery, vetting and matching as per your requirements.



## INTERVIEW CANDIDATES

You save time by only interviewing engineers shortlisted for you.



## START WORKING

We handle all the compliance-related paperwork and legalese so your candidates can start working fast.





# What do we offer?

## Our Services



### Product Engineering

- UI/UX Engineering
- Web Application Development
- Mobile App Development
- Backend/Middleware Development
- Frontend Development
- Data Analytics
- Legacy System Modernization



### Cloud & DevOps

- Cloud Consulting
- DevOps Consulting
- DevSecOps Consulting
- CI/CD & Infrastructure Automation
- Kubernetes Adoption



### Internet of Things (IoT)

- Device Connectivity
- Data Analytics and Visualization
- Security Solution
- Cloud Integration and Management



### Startup Consulting

- Product/MVP Development
- Statutory Compliance Consulting
- Technology Consulting
- Application Development
- UI/UX Design and Business Branding
- Customer Experience Strategy



# LET'S BREW SOME COFFEE TOGETHER.



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