

# VISHAL BALANI

linkedin.com/in/vishal-balani • vishal.balani@outlook.com • +91-8114423264

## PROFESSIONAL EXPERIENCE

### PHIGITAL CARE (G19 STUDIO)

Remote

#### Jr Full Stack Developer

September 2024 - Present

- Managing Flutter app development for a Fintech MVP (UK Clients) with an admin portal (Flutter Web).
- Implementing BigQuery & Looker Studio for analytics integration.
- Gaining valuable experience in client communication, teamwork, and problem-solving to enhance project execution.

### INDIA HEALTH LINK (G19 STUDIO)

Chennai, Tamil Nadu

#### Flutter Developer

May 2024 - August 2024

- Collaborated with industry professionals to develop and maintain the Flutter-based healthcare applications "hCare" and "IHL Partner".
- Addressed vulnerabilities identified in VAPT assessments.
- Acquired proficiency in REST APIs, Firebase, Google Fit, Apple Health, and various 3rd party SDKs for additional functionality.

### YATRI CAR RENTAL

Remote

#### Intern - Flutter Developer

January 2024 - April 2024

- Developed two mobile apps (user & driver) with efficient state management using Riverpod 2.0 and build\_runner, improving performance by 25%.
- Integrated 20+ REST APIs, real-time tracking (Socket Cluster), and offline geolocation with 10m accuracy.
- Leveraged OpenStreetMap and OSRM for tracking and cost optimization initiatives.
- Automated CI/CD for APK builds via GitHub Actions, reducing deployment time by 20%.

## PROJECTS

### ENCRYPTOSAFE

#### Mobile Application Development

November 2023 - January 2024

- Cross-platform Flutter application integrated with Firebase, utilized Riverpod for state management
- Implemented features includes: Push Notification, User Last Online Status

## EDUCATION

### BENNETT UNIVERSITY

Uttar Pradesh, India

#### BTech. Computer Science Engineering

2021-2025

- CGPA: 9.45
- Letter of Appreciation from Dr. Deepak Garg, Dean of SCSET

## SKILLS

- **Technical Skills:** Flutter Framework, Dart, Java, SQL, Isolates (Concurrency), Platform Channels (Interoperability), State Management (Provider, Riverpod, Bloc), Architectures (MVVM, Clean Architecture, Repository Pattern), API Integration (RESTful, GraphQL), Firebase, Push Notifications (Firebase Cloud Messaging - FCM, OneSignal), Local Database Management, Payment Gateway Integration, Documentation
- **Tools and Platforms:** Linux, LaTeX(Overleaf), Version Control (Git, GitHub), Postman, Android Studio, Figma, Adobe XD, CI/CD, Software development life cycle, Deployment on Google Play Store and App Store
- **Soft Skills:** Data-driven decision-making, Strategic troubleshooting, Project management, Teamwork, Agile development, Precision-focused

## ADDITIONAL INFORMATION

- Certifications: Certified Network Defender(CNDv2) by EC-Council 2023-2026
- Award: #51/500, NCOE Embedded Security CTF 2022
- Publications: (In press) "An Enhanced RSA Algorithm to Counter Repetitive Ciphertext Threats Empowering User-Centric Security," SCPE (Scalable Computing: Practice and Experience) Journal 2024
- Interests: Linux Exploration, Mobile Gaming Enthusiast