# Ashish Pal

## Full Stack App/Web Developer

ashish.pal88@hotmail.com

8755257729

Noida, India

linkedin.com/in/ashishpal88

A developer with the 4+ years of experience in apps, web and 2d games for mobile and desktop. Also specialise in PoS / Kiosk and IoT systems. I'm always eager to take on new challenges. Passionate about innovation!

## EDUCATION

### B. Tech (Computer Science & Engineering)

Lovely Professional University, Phagwara

*08/2017 - 07/2021*                                    *70.1%*

## PROJECTS

### CarePots | IoT App

- Developed an app for a IoT device enabling real-time soil and water monitoring, improving agricultural efficiency by 30%.
- Provided tailored advice on watering schedules, fertilization, and soil amendments, reducing water usage by 25% and increasing crop yield by 15%.
- Implemented BLE and WiFi-based communication for seamless app-device interaction, ensuring 99% uptime in data transmission.
- Designed a task scheduler and caching system, reducing unnecessary network calls by 40% and enhancing app responsiveness.

### FastFood | Kiosk/POS App

- **Restaurant & Café Billing POS App** automating billing, table management , and orders, boosting efficiency by **50%**, reducing manual errors by **60%**, and providing real-time sales insights.
- Web App for online food order, Admin Portal for food chains & domains.
- Features: Waiter POS order taking, Send to Kitchen Display System, Track remaining and expired Inventory stocks, Sale counter screen, add the item to the cart, give discount and select payment, Receiving orders in realtime from web app to POS App with notification, Digital QR Menu, Customer Management, API caching system to work 100% offline, Restaurant Management.
- **Optimized App UI** for **Sunmi POS devices, Tablets, iPads, and KDS**, ensuring seamless order management. Integrated **Sunmi Thermal Printer** for branded receipts, and **HandPoint Payment Device** for QR code, debit/credit card payments, and hassle-free billing.
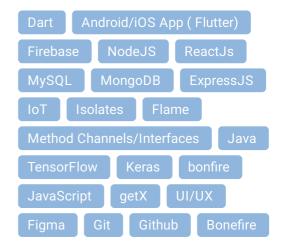
### Skoot | Vehicle Rental App

- **Riders** can rent scooters and motorbikes from **Rental Partners**, while **Partners** can list their vehicles on the **Skoot platform** to attract new customers and maximize bookings.
- **Skoot** manages the entire rental process, including **payments, deposits, damage claims, and partner communications**, ensuring a seamless and hassle-free experience for both riders and rental partners.
- Features: Renter & partner verification, Chat for communication, QR Scan for pickup & return vehicles, Transaction history for partner, Rate & Review of partner and vehicles, Vehicle availability, and clustering in a given range on the map.

### Education Platform

- A platform provides a seamless experience for learners to purchase online courses and opt for classes while teachers publish their own courses, manage class schedules, and administer tests.
- Features: one-on-many video conferencing, Chat groups for doubt discussion, Test builder for teachers, Classes scheduling, Video content streaming with different playback speeds, Saving lectures to local storage for offline usage, Student progress report, Rating content, and Reporting.
- Separate app for teacher and student, Web app for admin.
- Offline data synchronization system for deleting and updating local storage data, WebRTC & Agora used for video calling.

## SKILLS

Dart | Android/iOS App ( Flutter) | Firebase | NodeJS | ReactJs | MySQL | MongoDB | ExpressJS | IoT | Isolates | Flame | Method Channels/Interfaces | Java | TensorFlow | Keras | bonfire | JavaScript | getX | UI/UX | Figma | Git | Github | Bonefire

## WORK

**Esu Partners (south Korea)**
**(06/2023 - Present)**
*Full Stack App and Web Developer with IoT (android/iOS/Web)*

**iByte Infomatics (08/2022 - 05/2023)**
*Full Stack App and Web Developer (android/iOS/Web)*

**Web Bull India (07/2021 - 08/2022)**
*Flutter Developer (android/iOS)*

## CERTIFICATES

Full Stack CC Professional Course

Machine Learning : Classification

TechRun (02/2019)

Web Nerds (10/2018)

## LANGUAGES

**English**
*Full Professional Proficiency*

**Hindi**
*Native or Bilingual Proficiency*

## INTERESTS

Swimming | App Development | Watching Movies | Reading