

Deepak Gupta

Senior Full-Stack & Mobile Engineer

9+ years shipping products end-to-end: native Android and Flutter apps, Next.js and Node.js web platforms, and the Docker, CI/CD and AWS setup that runs them in production. Specialised in fintech, e-commerce and marketplaces.

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9+

Years experience

12+

Apps delivered

3

Banking & fintech
platforms

6

Companies

Services

Android

Native Kotlin apps with MVVM, secure auth, payments and Play Store releases.

Flutter

One codebase for Android & iOS, with clean architecture and smooth UI.

Next.js

Fast, SEO-friendly web apps, storefronts and admin dashboards.

Backend

Node.js APIs, PostgreSQL & Prisma, auth, webhooks and integrations.

E-commerce

Catalogue, cart, checkout, payments, orders and admin.

AWS

EC2, networking and infrastructure, secure and cost-aware.

Docker

Containerised apps and databases that run the same everywhere.

CI/CD

GitHub Actions pipelines that build, test and deploy on every push.

Why work with me

One engineer, full stack

The app, the backend and the deployment, with no handoffs between three freelancers.

Fintech-grade security

Years of banking, wallet and trading work with DevSecOps built into every pipeline.

Production, not just code

I deliver a working, deployed product with HTTPS, CI/CD and monitoring.

Core stack

Android

Kotlin

Java

Flutter

Dart

Firebase

Next.js

Node.js

PostgreSQL

Prisma

REST APIs

Docker

Kubernetes

GitHub Actions

GitOps

AWS

Terraform

Ansible

Caddy

Linux

DevSecOps

Case studies: Problem → Solution → Technology → Result

MOBILE · FINTECH

01

Fintech Banking Application

Native Android banking app with secure login, account overview, transfers and payment flows.

Login → OTP / Biometric → Dashboard → Transfer → Confirm → Receipt

1 Problem

Banking customers want to check balances and move money from their phone in seconds, while the bank needs every screen and API call to be secure and auditable.

2 Solution

A native Android app with secure login (OTP and biometrics), account dashboard, transaction history, and transfer and payment flows with confirmation, failure and retry states.

3 Technology

Android Kotlin MVVM Coroutines Retrofit
Biometric Auth

4 Result

- Clean MVVM layers that are easy to test and extend
- Payment flows that handle success, failure and retry
- Sensitive data protected on the device and in transit

MOBILE · FOOD & DELIVERY

02

Food Ordering Application

Complete restaurant ordering flow, from menu and add-ons to checkout, delivery/pickup and order tracking.

Categories → Menu → Add-ons → Cart → Checkout → Delivery / Pickup → Track order

1 Problem

Restaurants lose orders when customers can't easily customise items, and staff struggle to track orders across delivery and pickup.

2 Solution

A mobile ordering app with categorised menus, add-ons with price rules, a smart cart, checkout, a delivery-or-pickup choice, and an order management view with live status updates.

3 Technology

Flutter Node.js API Firebase FCM

4 Result

- Real business logic: add-on pricing, cart totals, order states
- One flow for both delivery and pickup
- Customers notified at every order stage



ChapterCart E-commerce Platform

Full-stack online store with catalogue, cart, payments, order tracking and an admin panel.

Browse catalogue → Cart → Payment → Order placed → Admin fulfils → Delivered

1 Problem

A seller needs a fast, SEO-friendly online store with secure payments and an admin panel to manage products and orders, without relying on a costly SaaS platform.

2 Solution

A Next.js storefront backed by a Node.js API and PostgreSQL (via Prisma): product catalogue, cart, payment gateway integration, order lifecycle, and a role-based admin dashboard, containerised with Docker and deployed on AWS.

3 Technology

Next.js

Node.js

PostgreSQL

Prisma

Docker

AWS

4 Result

- End-to-end commerce flow from browse to delivered
- Type-safe data layer with Prisma migrations
- Production-ready deployment with Docker on AWS



HomFixa Service Marketplace

Home-services marketplace with location and pincode coverage, bookings, recurring services, payments and admin.

Choose service → Check pincode → Pick slot → Pay → Confirm & notify → Recurring schedule

1 Problem

Home-service businesses need to take bookings only in areas they serve, handle repeat customers, and manage providers, all from one system.

2 Solution

A marketplace with a service catalogue, pincode-based coverage checks, slot booking, recurring service plans, online payments, notifications, and an admin panel to manage services, areas and bookings.

3 Technology

Next.js

Node.js

PostgreSQL

Prisma

Payments

Notifications

4 Result

- Marketplace logic: coverage, scheduling, recurrence
- Automated booking notifications
- One admin panel for services, areas and bookings



Production Deployment Pipeline

Taking a Next.js + Node.js + PostgreSQL app from git push to a live HTTPS site automatically.

git push → GitHub Actions → Build & test → Docker image → AWS EC2 → Caddy → HTTPS live

1 Problem

Many teams can build an app but struggle to deploy it: manual server setup, broken releases, no HTTPS, and 'works on my machine' bugs.

2 Solution

Containerised the Next.js frontend, Node.js API and PostgreSQL with Docker Compose. A GitHub Actions pipeline builds, tests and deploys to AWS EC2 on every push, with Caddy as the reverse proxy providing automatic HTTPS certificates.

3 Technology

Next.js Node.js PostgreSQL Docker
GitHub Actions AWS EC2 Caddy SSL

4 Result

- Every push deploys automatically, with no manual SSH
- Automatic, auto-renewing SSL certificates
- The same environment in dev and production



Firebase Communication System

OTP login, push notifications for orders, analytics and crash reporting wired into one mobile app.

OTP → Authentication → FCM → Order notification → Firebase Analytics → Crashlytics

1 Problem

Apps need frictionless sign-in, timely order updates, and visibility into how users behave and why the app crashes, without building all that infrastructure from scratch.

2 Solution

Phone OTP login through Firebase Auth, FCM push notifications triggered by order events, Firebase Analytics events across key user journeys, and Crashlytics for real-time crash reporting.

3 Technology

Firebase Auth FCM Cloud Functions
Analytics Crashlytics Android / Flutter

4 Result

- Password-free login with phone OTP
- Users notified instantly when order status changes
- Data on user behaviour and app stability to guide fixes

Client projects delivered

I-Trust

Trading & Investment · Puresoftware Technology · 2023–2026

Real-time trading and investment Flutter app with live market data and portfolio management. Built DevSecOps-enabled GitHub Actions CI/CD with GitOps promotion to Kubernetes on AWS for secure releases during trading hours.

Flutter

GitHub Actions

GitOps

Kubernetes

Docker

Absa Banking

Banking & Digital Wallet · Puresoftware Technology · 2023–2026

Secure banking and digital wallet app for Android and iOS: account management, transfers and service requests, delivered through security-gated pipelines onto Terraform-managed AWS infrastructure.

Flutter

DevSecOps

CI/CD

AWS

Terraform

Lestari Banking

Banking & Digital Wallet · Puresoftware Technology · 2023–2026

Cross-platform banking and digital wallet app for secure transactions and customer service, with automated releases and consistent environments.

Flutter

CI/CD

Release automation

Indipaisha Business App

Payments · Merchant · Indipaisha Payment Services · 2022–2023

Merchant app to track sales, view real-time statistics and receive instant payment notifications.

Mobile

REST APIs

Real-time

Notifications

Indipaisha Advisor

Sales · Productivity · Indipaisha Payment Services · 2022–2023

Sales pipeline management app that simplifies lead tracking and improves field-team productivity.

Mobile

REST APIs

CRM

Meest App

Social · Live Streaming · Angiratech Technologies · 2017–2019

Social sharing app with live streaming, video chat and user engagement features.

Android

Java

Live video

APIs

Games91

Fantasy Gaming · Angiratech Technologies · 2017–2019

Fantasy-based online gaming product built for Android.

Android

Java

Gaming

School Trick App

Education · Angiratech Technologies · 2017–2019

Teacher and student attendance tracking with communication between teachers and families.

Android

Java

EdTech

DryFruitswala

E-commerce · Angiratech Technologies · 2017–2019

E-commerce Android app for shopping dry fruits online, from catalogue to order.

Android

Java

E-commerce

Experience

Senior Software Engineer L2 · Mobile & DevOps

Puresoftware Technology · Sep 2023 – Feb 2026

Android Developer

Bestone Industries · May 2021 – Mar 2022

Software Engineer

Data Infosys Limited · Dec 2015 – Jan 2017

Senior Software Engineer

Indipaisha Payment Services · Mar 2022 – Sep 2023

Android Developer

Angiratech Technologies · Mar 2017 – Jun 2019

Trainee Android Developer

HTS Solution · Jul 2014 – Oct 2015

Education: MCA, Uttar Pradesh Technical University (2014) · BCA, Dewan Institute of Management Studies, Meerut (2011)

Languages: English, Hindi

Let's build your product

Tell me about your app, platform or deployment. I reply within 24 hours.

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