

Abhishek Badar

✉ ab15.badar@gmail.com | 📞 9096684842

🔗 github.com/AbhishekBadar | [linkedin.com/in/abhishekbadar](https://www.linkedin.com/in/abhishekbadar)

Skills

Languages: PHP, Dart, JavaScript, TypeScript, Python

Technologies & Tools: Laravel, Next.js, React, Flutter, Firebase, MySQL, Firestore, N8N, FCM, Zod, React Hook Form

Work Experience

Xeo Information Systems

Mar 2025 - Present

Software Development Engineer I

- Led the migration of the web frontend from Laravel Blade to Next.js (App Router), establishing scalable routing, reusable component patterns, and a maintainable codebase.
- Built a reusable data table abstraction in React replacing legacy Yajra DataTables, standardizing pagination, sorting, row actions, and server-side data handling across the application.
- Implemented complex form workflows using React Hook Form and Zod, ensuring type-safe validation and predictable state management.
- Designed and built the Laravel backend architecture serving both web and mobile clients, defining RESTful APIs, request validation, and consistent response structures.
- Built a Flutter-based mobile app end-to-end for students and parents, featuring fee payments, event listings, newsletters, facility bookings, and push notifications—currently serving 500+ users.
- Developed the complete backend API layer for the mobile app, implementing HMAC-based request authentication to secure client-server communication.
- Integrated a payment gateway for school fee collection, building an admin dashboard with payment tracking, outstanding dues reports, and receipt generation.
- Implemented Firebase Cloud Messaging for push notifications with deep-link routing to relevant screens within the mobile app.

Refyne

Aug 2024 - Feb 2025

Associate Software Engineer

- Built and maintained an internal CRM platform serving 150+ active users across sales, risk, and growth teams, supporting high-frequency operational workflows.
- Automated cross-platform workflows using N8N, orchestrating Slack, Gmail, ClickUp, and internal services to eliminate manual processes and reduce operational overhead by 40%.
- Designed Firestore data models and access patterns for real-time deal tracking, activity logs, and threaded communication.
- Migrated and normalized 50,000+ records with validation and consistency checks, ensuring long-term data integrity.
- Built an automated user onboarding system using Slack APIs and Firebase Admin SDK, reducing manual provisioning effort by 80%.
- Developed an HR chatbot using vector search and LLMs, enabling employees to query HR policies directly in Slack.
- Created a resume ingestion and scoring pipeline integrating Google Drive, OCR, and semantic matching against job descriptions to streamline hiring workflows.

Education

Indian Institute of Technology, Ropar — Minor in Artificial Intelligence

2024 - 2025

Shri Ramdeobaba College of Engineering and Management — B.Tech in IT (8.48/10)

2020 - 2024

Project Work

- **DoSpaces:** Developed an open source plugin to offload ticket attachments of osTicket to DigitalOcean Spaces, generating secure public links for agents and improving response efficiency by 30%.
- **PuzzleIT:** Developed a web-based escape-room-themed puzzle game using React, Redux, and MongoDB. Engaged 200+ participants in solving challenges that tested critical thinking and problem-solving skills.
- **Traffic Density Analyzer:** Built a real-time traffic management system using YOLO and Python for vehicle detection and dynamic signal timing, reducing congestion by 25%.