# GAURAB PANDEY

**Software Developer | Java, Spring Boot, Flutter & Full-Stack Development**

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## PROFESSIONAL SUMMARY

Software Developer with hands-on experience designing and building cross-platform mobile applications, RESTful backend services, and database-driven web platforms using Java Spring Boot, Flutter, Dart, and MySQL. Completed a Mobile App Developer Internship at CodeIT, served as Development Lead for MBMC IdeaX 2026, and delivered practical business software across restaurant operations, facility scheduling, EV charging station booking, and canteen management workflows. Experienced in translating operational requirements into structured architectures, clean UI flows, and reliable server-side logic under strict deadlines.

## TECHNICAL & PROFESSIONAL SKILLS

**Programming Languages:** Java, Dart, JavaScript, PHP, SQL, HTML5, CSS3

**Backend Development:** Java Spring Boot, REST APIs, Hibernate, API Integration, Server-Side

**Frontend & Mobile:** Flutter, React, Next.js, Responsive UI Development

**Databases:** MySQL, PostgreSQL, SQLite, Firebase, Hive

**Development Tools:** Git, GitHub, Postman, Figma, Android Studio, IntelliJ IDEA, VS Code

**Professional Soft Skills:** Leadership, Communication, Teamwork, Problem-Solving, Quick Learner, Adaptability, Time Management

## PROFESSIONAL EXPERIENCE

### Development Lead

August 2026 – October 2026 | Kathmandu, Nepal

**MBMC IdeaX 2026**

- Spearheaded technical development and software delivery as Development Lead for event-driven systems under tight project deadlines.
- Designed and developed customized software applications tailored to dynamic event requirements, supporting multiple user roles and secure workflows.
- Managed development tasks and collaborated closely with team members to build and integrate robust backend REST APIs and responsive user interfaces.

### Mobile App Developer Intern

May 24, 2026 – August 30, 2026

**CodeIT**

- Developed cross-platform mobile application features using Flutter and Dart, translating UI designs into responsive, reusable component structures.
- Integrated mobile frontend screens with RESTful APIs to manage asynchronous data flows, state transitions, and user interactions.
- Identified and resolved application defects through systematic debugging, improving workflow consistency and code maintainability.
- Collaborated with engineering team members to review functional requirements, align on task specifications, and deliver milestones on schedule.

### Software Developer & Designer

2025 – Present | Kathmandu, Nepal (Remote / Freelance)

**Freelance / Independent Projects**

- Engineered responsive web platforms, cross-platform mobile applications, and custom business software tailored to operational workflows.
- Designed and integrated backend services using Java Spring Boot, REST APIs, Hibernate, and MySQL to support persistent data storage and server-side business logic.
- Executed end-to-end SDLC tasks spanning requirements analysis, UI/UX wireframing in Figma, implementation, Postman API testing, and deployment.

## SELECTED REAL-WORLD SOFTWARE PROJECTS

**1. RestaurantOS | Restaurant Operations Management System / SaaS**

*Tech Stack: Flutter, Java Spring Boot, REST APIs, MySQL*

- Built mobile and web interfaces in Flutter for managing table occupancy, multi-item order entry, and real-time order status updates across dining and delivery channels.
- Implemented Java Spring Boot REST endpoints and service-layer business logic to process orders, manage prepared-stock deductions, and coordinate delivery states.
- Designed relational MySQL database schemas to maintain data consistency across menu items, active tables, customer orders, and stock records.

**2. Futsal Operation Management System (FOMS) | Facility Management Platform**

*Tech Stack: Java Spring Boot, Flutter / Web, REST APIs, MySQL*

- Developed core scheduling and booking workflows to manage court availability, time-slot reservations, and prevent overlapping bookings.
- Structured backend API services and relational database tables to store customer reservation records, court assignments, and daily operational logs.
- Created administrative interfaces enabling facility staff to monitor active bookings, update slot statuses, and manage daily venue schedules.

**3. EV Smart Charge | EV Charging Station Discovery and Booking System**

*Tech Stack: Flutter, Java Spring Boot, REST APIs, OpenStreetMap, MySQL*

- Implemented interactive location-based station discovery in Flutter using OpenStreetMap integration to display nearby charging points and station details.
- Developed backend reservation workflows and queue-handling logic in Java Spring Boot to manage booking requests and charging slot availability.
- Connected the Flutter mobile client with RESTful backend services and MySQL persistence for user authentication, station lookups, and booking records.

**4. Canteen Management System | QR Food Distribution Platform**

*Tech Stack: Flutter / Web, Java Spring Boot, REST APIs, MySQL*

- Implemented digital food token generation and meal request workflows to replace manual, paper-based queue handling.
- Built QR-based token verification functionality allowing canteen staff to validate meal requests and prevent duplicate redemptions.
- Developed administrative monitoring views backed by Spring Boot APIs and MySQL to track issued tokens, fulfilled orders, and active queues.

## WORKSHOPS & HACKATHON LEADERSHIP

**Organizer & Operations Lead — Tech Events & Workshops** 2025 – 2026 | Kathmandu, Nepal

- **National Level (IdeaX 2026):** Spearheaded software development and managed overall operations for the national-level event, ensuring robust platform performance and seamless event execution.
- **College Hackfest (MBMCHACKFEST 2026):** Served as an official Organizer and technical Mentor, guiding participating student teams through project conceptualization, rapid development, and architecture best practices.
- **Self-Organized Technical Workshops:** Designed and conducted practical workshops covering SEO (on-page, technical optimization, PageSpeed) and UI/UX design (Figma wireframing, responsive layouts).
- **Peer Mentorship:** Provided continuous technical guidance and peer support on application development workflows and repository management.

## EDUCATION

**Bachelor of Computer Applications (BCA)**
Madan Bhandari Memorial College (TU) | 2024 – 2026 (In Progress)

**Higher Secondary Education (+2 Science)**
The Times International College | 2020 – 2022

**Secondary Education (SEE)**
Vinayak Shanti Niketan, Thapathali, Kathmandu | 2020

## LANGUAGES

- **Nepali:** Native
- **English:** Fluent