

# SANDIP SHRESTHA

Flutter Developer • Full-Stack Engineer • Problem Solver

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## PROFESSIONAL SUMMARY

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Motivated and self-driven Flutter developer with hands-on experience building cross-platform mobile and web applications. Adept at translating UI/UX designs into polished, responsive interfaces using Dart and Flutter, with complementary skills in full-stack development (Laravel, FastAPI, React). Proven track record of delivering functional projects end-to-end, from database architecture to deployment. Hackathon finalist with a passion for clean code and rapid learning.

## TECHNICAL SKILLS

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<b>Languages</b>	Dart, JavaScript, PHP, C
<b>Frameworks</b>	Flutter, React, Laravel, FastAPI, Tailwind CSS, Bootstrap
<b>Mobile / UI</b>	Cross-platform development, Responsive & adaptive UI, Declarative UI patterns
<b>Back-End / DB</b>	MySQL, SQL, RESTful API integration, Server-side logic
<b>Tools &amp; OS</b>	Git, GitHub, Linux, Windows
<b>Soft Skills</b>	Full SDLC ownership, UI/UX translation, Debugging, Technical documentation, Quick learner

## EXPERIENCE

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### Front-End Developer (Self-Directed) | *Personal Projects* 2022 – Present

- ▶ Engineered mobile-responsive and cross-platform UIs with Flutter & React, achieving consistent rendering across Android, iOS, and web targets.
- ▶ Resolved UI bugs across multiple environments by systematically tracing layout issues to root causes, improving application stability.
- ▶ Researched and rapidly adopted new frameworks (FastAPI, Tailwind), applying best practices within days and contributing to internal documentation.

### Back-End Developer (Self-Directed) | *Personal Projects* 2022 – Present

- ▶ Architected relational database schemas and wrote server-side logic using PHP/Laravel and FastAPI, supporting full-stack project delivery.
- ▶ Integrated RESTful APIs between front-end interfaces and back-end services, ensuring seamless data flow and application reliability.
- ▶ Managed the complete software development lifecycle — from requirements gathering and database design through testing and deployment.

## PROJECTS

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### Room Finding System | *HTML · CSS · JavaScript · PHP · MySQL*

- ▶ Built a cross-platform rental and accommodation platform featuring a dynamic booking flow with real-time new-listing notifications.
- ▶ Developed a full admin dashboard for tracking room availability, managing tenant requests, and generating occupancy reports.
- ▶ Implemented secure session handling and form validation, reducing booking errors and improving data integrity.

### Airbus Ticketing Platform | *HTML · CSS · JavaScript · PHP · MySQL*

- ▶ Designed an admin-centric ticketing management system that automated core data workflows, eliminating manual entry errors.

- ▶ Built and debugged core booking logic with secure database connections, significantly improving reservation reliability.
- ▶ Delivered a clean, user-friendly interface translating complex back-end operations into intuitive admin controls.

## EDUCATION

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**Higher Secondary (Science – PCM) | NIST College** Jun 2024 – Present

*Currently pursuing +2 Science with a focus on Physics, Chemistry, and Mathematics.*

**Secondary Education Examination (SEE) | U.P.A. School** 2023 – 2024

*Achieved 88.75% — placing among the top performers in the district.*

## ACHIEVEMENTS & AWARDS

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### Hackathons

- ▶ 1st Runner-Up, Deerwalk Hackathon — competed against teams from across Nepal in a time-boxed full-stack challenge.
- ▶ Top 12 Finalist, Aidea Hackathon — selected from a large applicant pool for innovative problem-solving approach.

### Sports

- ▶ Gold Medal — Cricket League
- ▶ Gold Cup — Table Tennis Tournament