

Shishir Tamrakar

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Enthusiastic Computer Science Undergraduate student passionate about software development and solving real-world problems.

EDUCATION

Kathmandu University

Kavre, Nepal

Bachelor of Science in Computer Science, *CGPA: 3.65*

Dec 2020 - Present

Related Coursework: Object-Oriented Programming, Data Structures and Algorithms, Computer Networks, Database Management Systems, Operating Systems, Algorithm and Complexity

EXPERIENCE

StartIn Lab

Dec 2024 - Feb 2025

Freelance UI/UX Designer

Led UI/UX design for a social networking platform, creating user flows for profiles, matching, events, and chat using Figma. Collaborated closely with clients to refine designs and align with product goals.

SmartChoice Technologies

Nov 2024 - Jan 2025

Technical Analyst Intern

Translated client needs into tech specifications and led integration of digital wallets, collaborating with engineers on API validation and real-time transaction updates.

PROJECTS

Shopping Cart Backend System [Source Code](#)

Java, Spring Boot, Spring Data JPA, Hibernate, MySQL, Microservices Architecture, RESTful APIs

Built scalable microservices with Spring Boot, designing RESTful APIs and leveraging Spring Data JPA and MySQL for efficient data management.

Unify: Classroom Allocation Management System [Source Code](#)

Django, React.js, PostgreSQL, RESTful APIs

Built RESTful APIs with Django and PostgreSQL for dynamic classroom scheduling, enabling real-time data management and seamless frontend integration.

Fordays Japanese Language Classroom Portal [Live](#)

React.js, Tailwind CSS

Created a single-page application for Fordays Japanese language classroom, delivering a seamless UI for About Us, Students & Alumni, and Events sections.

Munchy: On-Site Restaurant Ordering System

FlutterFlow, Firebase

Developed a real-time restaurant ordering app with dynamic menus, live order tracking, and responsive UI for seamless customer experience and faster processing.

SKILLS

Java, Python, JavaScript, SQL, React.js, Spring Boot, Django, Node.js, Hibernate, MySQL, PostgreSQL, MongoDB, Git, Maven, Postman, Agile, Microservices, Object-Oriented Programming

OTHERS

Languages: Fluent in English, Intermediate in Japanese (N3), Native in Nepali

Scholarships: \$2000 Fordays Japanese Scholarship