



Roman Shrestha

Front-End & Full-Stack Developer | BEng Information Technology Student

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Portfolio: <http://roman-shrestha.info>

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PROFILE

Motivated Bachelor of Engineering student in Information Technology (Web Development) with strong experience in front-end development, modern JavaScript frameworks, and full-stack application design. Skilled in React, TypeScript, Next.js, and REST API development. Seeking a Web Developer Trainee or Junior Developer role to contribute to scalable, user-centric digital products while growing in a professional software team.

EDUCATION

Bachelor of Engineering (BEng), Information Technology

Oulu University of Applied Sciences (Oamk) **2023 - 2027**

Focus areas:

- Web & Full-Stack Development
- Mobile Application Development
- Databases & Networking
- Software Engineering Practices

PROJECTS & PRACTICAL EXPERIENCE

Hamro Pasal - E-Commerce Store

Full-Stack Project | Next.js, Node.js, PostgreSQL, Stripe, AWS S3

- Developed an SEO-optimized storefront and admin dashboard using reusable UI components
- Designed PostgreSQL schema and implemented scalable APIs for products, orders, and users
- Integrated Stripe payments and AWS S3 for production-level media storage

My Book Library & Movie Application

Personal Projects | React, Firebase, TMDB API

- Built responsive front-end UI with component-based architecture and dynamic routing.
- Implemented Firebase authentication and real-time database interactions.
- Practiced API data handling and state management to deliver a smooth UX.

Django Blog & E-Commerce Store

Group Projects | Django, React, PostgreSQL

- Built full-stack web applications with REST APIs and user authentication
- Improved backend query performance using Django ORM and PostgreSQL optimization techniques
- Collaborated in an Agile team environment

Personal Portfolio

Personal Projects | React, Github Pages

- Designed and deployed a responsive portfolio with GitHub integration
- Implemented automated project updates and clean UI presentation

CleanSync - Android App

Group Project | Kotlin, Jetpack Compose

- Developed a data synchronization application using MVVM architecture
- Implemented offline handling, responsive UI, and clean architecture principles
- Delivered reusable and consistent UI layouts across views

TECHNICAL SKILLS

- **Front-End Development**
 - React · TypeScript · Next.js · Component-based UI design · Firebase · Responsive design
 - **Backend & Databases**
 - Node.js · Django · REST APIs · PostgreSQL · Prisma ORM · Firebase · SQLite
 - **Programming Languages**
 - JavaScript/TypeScript · Python · Kotlin · Java · C# Tools & Practices
 - **Tools & Practices**
 - Git · Debugging · Clean Code · MVC/MVVM · Authentication · Problem-solving
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LANGUAGE

- English (fluent)
- Finnish (developing)
- Nepali (native)