



europass

# Sujan Thapa

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## ● ABOUT ME

**Full Stack Developer and AI beginner** with hands-on experience in software development, system maintenance, and application support. A **quick learner with a strong mindset**, currently working as a **Full Stack Intern** at Paper Bank Solution, contributing to product development, bug fixing, troubleshooting, and client requirement implementation. Previously worked as a **PHP Developer** intern & full time at ICT Matrics, developing scalable web applications, implementing secure authentication, and optimizing database performance. Also experienced in **customer support and reporting systems**, with strong problem-solving and communication skills.

## ● WORK EXPERIENCE

### FULL STACK DEVELOPER – PAPER BANK SOLUTIONS – 07/12/2025 – Current – KATHMANDU, NEPAL

- Troubleshooting software issues, identifying root causes, and fixing bugs to ensure system stability and performance.
- Visiting clients to understand business requirements and implementing solutions that aligns with user and organizational needs.
- Developing and maintaining robust software solutions while ensuring quality standards and continuously enhancing features.

### PHP DEVELOPER – ICT MATRICS – 14/01/2025 – 05/05/2025 – KATHMANDU, NEPAL

- Developed dynamic and responsive web applications using PHP, JavaScript, MySQL, HTML, CSS, and Bootstrap.
- Implemented AJAX-based interactions and secure authentication with optimized database design.

### CUSTOMER SERVICE REPRESENTATIVE – PREMIUM TECHNOLOGIES PVT. LTD. – 09/02/2022 – 22/04/2022 – KATHMANDU, NEPAL

- Managed and handled customer queries effectively.
- Gained in-depth knowledge of RDLC (Report Definition Language Client-side processing) for cheque printing.
- Acquired professional experience in an office environment.

## ● SKILLS

programming, software engineering, software development | Python | Git | SQL | JavaScript | Github | CSS | HTML | Microsoft Office | Web Development | Research | Microsoft Word | Databases (MongoDB MySQL PostgresSql) | MERN Stack (MongoDB, ExpressJS, ReactJS, NodeJS)

## ● EDUCATION AND TRAINING

14/01/2020 – 30/12/2024 Kathmandu, Nepal

### BACHELOR OF INFORMATION TECHNOLOGY College of Information Technology and Engineering

- Programming and application development
- Core computer science fundamentals
- Software engineering principles and practices

- Understanding of professional and business context in IT
- Learned & Practiced the fundamentals for building the Machine Learning and AI models

**Website** <https://cit.edu.np/> | **Field of study** Information and Communication Technologies | **Final grade** CGPA : 3.71 |

**Level in EQF** EQF level 6 | **Thesis** final project: Sajilo Aawas

07/04/2025 – 16/08/2025 Kathmandu, Nepal

## BLOCKCHAIN FELLOWSHIP 2025 eSatya

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- Learned core blockchain concepts, smart contracts, and decentralized applications
- Gained hands-on experience by building real-world blockchain projects
- Developed teamwork skills and understanding of transparent, impact-driven blockchain solutions

**Website** <https://esatya.io/> | **Field of study** Blockchain Development

Kathmandu, Nepal

## DJANGO FRAMEWORK COURSE CodeIT

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**Website** <https://codeit.com.np/> | **Field of study** Web Development

## ● PROJECTS

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05/2025 – 08/2025

### Sajilo Aawas

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Sajilo Aawas is an online room and rental management platform that connects tenants directly with property owners. The system is designed to make the rental process faster, easier, and more transparent by offering smart search and location-based room recommendations. It uses a dictionary lookup method for efficient data handling and the KNN (K-Nearest Neighbors) algorithm to identify and recommend nearby rooms based on the user's location.

**Link** [https://github.com/thapasujan/sajilo\\_aawas.git](https://github.com/thapasujan/sajilo_aawas.git)

### Fashion-products-recommender-System

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This project is built using Python and Django and recommends fashion products based on an image uploaded by the user.

The system analyzes the uploaded image and suggests similar fashion products by extracting visual features using ResNet-50. Additional techniques such as CNN for feature learning and KNN for similarity matching are used to generate accurate recommendations.

**Link** <https://github.com/thapasujan/Fashion-products-recommender-System.git>

### Smart\_car

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This is a hardware-based project developed using C++ that detects obstacles with the help of sensors and automatically avoids them by changing direction. The system enables the smart car to navigate safely without human intervention.

**Link** [https://github.com/thapasujan/Smart\\_car.git](https://github.com/thapasujan/Smart_car.git)

## ● LANGUAGE SKILLS

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Mother tongue(s): **NEPALI**

Other language(s):

	<b>UNDERSTANDING</b>		<b>SPEAKING</b>		<b>WRITING</b>
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user