

# SANGAM LUITEL

Python Django Explorer | Graphics & Thumbnail Designer | Fact-Check Producer | AI Enthusiast

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I am a Python Django explorer and graphics designer with a strong focus on backend development and creating visually engaging digital content. I design, develop, and maintain efficient, scalable, and secure web applications while crafting innovative, user-centric visuals that enhance digital experiences. With hands-on experience in fact-check production, I ensure content accuracy and credibility. Engaged in AI technologies, I integrate data-driven solutions into development and design projects to optimize processes and improve user experience. Combining technical expertise, problem-solving skills, creativity, and reliability, I deliver impactful and cutting-edge digital solutions.



## WORK EXPERIENCE

### Fact Check Producer

Jan 2025 - Present

The RUJU - Kathmandu, Bagmati, NEPAL

- Oversaw the entire fact-checking workflow, from claim identification and verification to publishing accurate and credible content.
- Conducted thorough research across multiple sources to ensure information accuracy and reliability.
- Developed engaging narratives through storywriting, presenting complex information clearly and effectively.
- Designed graphics, infographics, thumbnails, and visual elements to enhance content appeal and comprehension.
- Edited videos, incorporating visuals, audio, and captions to create professional and engaging multimedia content.
- Managed content across digital platforms, ensuring consistency, accuracy, and timeliness.
- Collaborated with cross-functional teams to maintain high editorial, visual, and technical standards.
- Integrated multimedia storytelling and data-driven insights to effectively combat misinformation.
- Applied creative problem-solving to present fact-checked content in visually compelling formats.
- Leveraged AI tools and digital technologies to streamline content verification and production processes.
- Ensured content engagement and reach by optimizing layouts, visuals, and interactive media for social and web platforms.

**Tech Stack:** Google Workspace, Photoshop, Canva, MS Office, Adobe Creative Cloud, Premiere Pro, Video Editing, Typography, Wondershare Flimora, AI Tools, DeepFake Detecter, Research, Camera, Reverse Image, Social Media

Research

### AI Researcher

July 2025 - Present

Devata AI - Kathmandu, Bagmati, NEPAL

- Conducted in-depth research on AI tools and APIs to design and implement intelligent agent workflows.
- Developed and tested AI agents to automate tasks, optimize processes, and integrate with digital platforms.
- Built, deployed, and maintained AI-driven systems using APIs for data processing, analysis, and workflow automation.

- Researched emerging AI frameworks, libraries, and APIs to enhance the efficiency and scalability of agent-based solutions.
- Designed prototypes and proof-of-concept AI workflows to validate automation strategies and tool effectiveness.
- Collaborated with development teams to integrate AI agents into web applications and backend systems.
- Documented agent workflows, API usage, and AI tool designs for reproducibility and knowledge sharing.

**Tech Stack:** Python, Django, OpenAI API, GraphQL, n8n, Comfyui, Crew, PostgreSQL, Docker, AWS, Svelte, Hugging Face, REST Framework, FastAPI, Git, Google Workspace

## Executive Member

February 2025 - Present

CSIT Association Nepal - Kathmandu, NEPAL

- Actively contributed to organizing workshops, seminars, and training sessions to support student learning and professional growth.
- Coordinated and executed events that enhanced student engagement and fostered collaboration within the CSIT community.
- Assisted in planning and managing association activities, ensuring smooth operations and impactful outcomes.
- Designed graphics, infographics, thumbnails, and visual elements to enhance content appeal and comprehension.
- Strengthened leadership, communication, and teamwork skills through active involvement in organizational initiatives.

**Skills:** Leadership, Designing, Team Coordination, Communication, Problem-Solving, Adaptability, Creativity, Time Management, Critical Thinking, Collaboration, Attention to Detail, Event Management, Organizational Skills, Public Speaking, Decision-Making, Continuous Learning.

## Network Technician Assistance

July 2022 - Dec 2023

Sunsari Network And Service Pvt.Ltd- Itahari, NEPAL

- Assisted in the installation, configuration, and maintenance of network hardware and software.
- Supported troubleshooting of LAN/WAN connectivity issues to ensure minimal downtime.
- Helped monitor network performance, identifying and resolving technical problems.
- Provided technical support to users for network-related issues and system access.
- Documented network configurations, updates, and maintenance activities for reference.
- Collaborated with senior technicians in deploying secure and reliable network solutions.
- Gained hands-on experience with routers, switches, cabling, and other networking devices.

**Tech Stack:** Networking, Troubleshooting, LAN/WAN, System Configuration, Hardware Installation, Network Monitoring, Technical Support, Documentation, Cabling, Router & Switch Setup, Problem-Solving, Team Collaboration.



## SKILLS

- **Languages & Frameworks:**

Python, Django, FastAPI, HTML, CSS, C, C++, Github

- **Databases:**

PostgreSQL (Exploring Phase)

- **DevOps & Cloud:**

Docker, AWS (Exploring Phase)

- **Video And Graphics**

Adobe Creative Cloud, Davinci Resolve, Photoshop, Canva, Camera, (Handling Actions, Typography and Colourtheory Concepts )

- **Other Tools:**

Google Workspace, MS Office, AI Tools, Google Ai Studio, Figma, OBS Studio, Blender, n8n, Comfyui, Crew

- **Additional Skills**

Team Coordination, Communication Skills, Creativity & Innovation , Driving License, Leadership / Mentoring



## EDUCATION

### **Bachelor of Science- Computer Science and Information Technology ( Bsc. CSIT )**

Tribhuvan University ( TU ) ,Kathmandu,Nepal

2024 - 2028

### **High School or Equivalent ( Science )**

Vishwa Aadarsha ,Itahari,Nepal

2021 - 2023

### **Secondary Education Examination ( Optional Math, Computer Science )**

Bidhyeshwor Madhyamik Bhidhyalaya ,Bhojpur,Nepal

2020



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## PROJECT HIGHLIGHTS

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### Django E-commerce

Developing an e-commerce platform using Django, Stripe, and PostgreSQL with core features like cart, checkout, and admin panel.

- **Tech Stack:** Frontend Development (HTML, CSS, JavaScript), WordPress Customization, UI/UX Design, Responsive Web Design Celery, Collaboration & Teamwork

### Automation Workflows - Devata Ai

Developed automation workflows to streamline repetitive tasks, improve efficiency, and reduce errors in web and content management processes.

- **Tech Stack:** Python, OpenAI API, GraphQL, n8n, Comfyui, Crew, PostgreSQL, Docker, AWS, Svelte, Hugging Face, REST Framework, FastAPI, Git, Google Workspace

### Personal Portfolio

Developed a personal portfolio website to showcase projects, skills, and professional achievements, featuring an interactive and user-friendly design with responsive layouts and multimedia integration.

- **Tech Stack:** Web development, UI/UX design, HTML, CSS, JavaScript, responsive design, and multimedia integration.

### Fact Check Content - The RUJU

Oversee the full cycle of fact-check — from identifying and verifying claims to writing, designing, and publishing accurate, engaging information across digital platforms. Combines research, storytelling, and multimedia production to fight misinformation effectively.

- **Tech Stack:** Google Workspace, Photoshop, Canva, MS Office, Adobe Creative Cloud, Premiere Pro, AI Tools, DeepFake Detector, Research, Camera, Reverse Image, Social Media Research

### Network Installation (Kasturi College)- Sunsari Network And Service Pvt.Ltd- Itahari, NEPAL

Assisted in installing and configuring network systems and CCTV at Kasturi College, ensuring reliable connectivity and security.

- **Tech Stack:** Network installation, CCTV setup, system configuration, troubleshooting, and teamwork.

### Graphics And Thumbnail Project

Gained hands-on experience in designing impactful graphics and thumbnails that enhance digital engagement.

- **Tech Stack:** Figma, Adobe Creative Cloud, Photoshop, Canva, Remini, Lightroom, Ai Tools.

## Thumbnail Project



## COURSES & CERTIFICATIONS

- Introduction to Programming Using Python – HackerRank | July 2025
- Python For Everybody – University Of Michigan | Feb 2025
- Multi AI Agent Systems with crewAI – Deeplearning , Crew | July 2025
- n8n AI Agent – Nate Herk (Ai Automation Skool) | July 2025
- Django For Beginner – University Of Michigan | June 2025
- A Reference Guide Of Djangogirls
- Django Core | A Reference Guide to Core Django Concepts – Udemy | Aug 2025