

# Sushil Sigdel

## Full Stack Developer | AI/ML Enthusiast

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I am a passionate and detail-oriented Full Stack Developer with over three years of experience crafting innovative web applications and delivering robust software solutions. My expertise spans both front-end and back-end technologies. Also I have experience of integrating cutting-edge AI tools like Langchain, Crawl4ai and gemini into real world project. My commitment to delivering high-quality, scalable solutions has led to measurable successes, such as optimizing business processes and enhancing user engagement. I thrive in collaborative environments and am always eager to tackle challenges that drive innovation and learning.

## Experience

### **Eyemovic Inc. — System Engineer**

Kathmandu, Nepal | July 2023 – Feb 2024 | Matsuyama, Japan | Feb 2024 –Present

- Participated in research, system architecture design, technical planning, coding, comprehensive code reviews and refactor improve performance, maintainability, and scalability of core systems.
- Contributed to CI/CD pipeline implementation and infrastructure automation using AWS CloudFormation.
- Participated in customer meetings, offering technical insights and post-deployment support.
- Worked in a hybrid international team setting with cross-functional collaboration.

### **Kira technologies Pvt. Ltd — Full Stack Developer**

Kathmandu, Nepal | June 2021 – Oct 2022

- Designed and developed scalable web applications for product development.
- Implemented RESTful APIs and contributed to frontend using React and Bootstrap.
- Collaborated cross-functionally on product features, documentation, testing, and debugging.
- Participated in development planning, code reviews.

### **Thulo Technology Pvt. Ltd. — Python Django Intern**

Pokhara, Nepal | Jan 2021 – April 2021

- Implemented backend features and improved system logic using Django.
- Explored and integrated new development tools to streamline coding workflows.
- Collaborated with senior engineers and managers on in-house product improvements.

## Education

**BSC.CSIT | Mount Annapurna Campus (Tribhuvan University) | 2016 - 2022**

First division with 72.93%

**Higher Secondary | Mount Annapurna Campus | Completed in 2016**

First division with 69.20%

**School Leaving Certificate | Shree Sarbodaya Higher Secondary School | Completed in 2014**

First division with 75.50%

## Skills

### Hard Skills

- **Front end skills:** HTML, CSS, Basic JS, BOOTSTRAP, React, Ant Design, Shadcn.
- **Back end skills:** Php, Laravel, Python, Django, Typescript, NodsJs, Remix, AdonisJs.
- **Database:** MySQL, SQLITE, PostgreSQL, Qdrant, Milvus.
- **Infrastructure:** Aws(CloudFormation, Lambda).
- **Version Control:** Docker, Git, with the knowledge of Github and Gitlab.
- **API:** RestAPI with Swagger for documentation.
- **Operating System:** Windows, Linux
- **AI/ML Tools:** Langchain, Creawl4ai, Gemini, Mcp Server.
- **Others:** Microsoft suite, OOP, Visual Code Studio, Basic Linux .

### Soft Skills

- Strong Communication Skill (Japanese and English Both)
- Cross-cultural teamwork
- Problem-solving and debugging
- Adaptability to international, remote environments

## Certifications & Trainings

- Basic IT and Technical support training.
- Professional Python and Django from Broadway Infosys Nepal.
- Python for Data Science from Datacamp.
- Self-empowerment training organized by MRR
- Japanese language training from Leadx Nepal.

## Projects

### AI-Powered Chatbot

This system scraps data from any website, stores it in a vector database, and allows users to chat with the data.

**Tech Stack:** AdonisJs, Typescript, Shadcn, SQLite, Qdrant, Crawl4ai, Gemini

### Web-based Disease Prediction System

This system is developed to predict the disease according to symptoms.

**Tech Stack:** Python, Django, Bootstrap, SQLite, Random Forest Algorithm

### POS (Point of Sale) System

Built a POS system for small businesses with inventory, sales tracking, and receipt generation. Supported multi-user access with role-based authentication.

**Tech Stack:** Php, Laravel, Blade, Postgres, Docker, Bootstrap

### Himalaya Trek Nepal

This is the website for trekking company where user can find information about different routes of trekking.

**Tech Stack:** Python, Django, Bootstrap, SQLite.

### Blood Bank Management System

This Blood Bank Management System is a web application through which individuals requiring blood can look and contact them after donors are registered.

**Tech Stack:** Python, Django, Bootstrap, SQLite.