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 projects. 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, Nods.js, Remix, AdonisJs.
- **Database:** MySQL, SQLITE, PostgreSQL, Redis, 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, Crawl4ai, Gemini, Mcp Server.
- **Others:** Microsoft suite, OOP, Visual Studio Code .

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

Pricing Simulation System

- **Period**: February 2024 – Present (Eyemovic Inc)
- **Purpose:** To provide accurate pricing simulations for various client stations.
- **Overview:** Development of new features based on station requirements and expansion of existing operational systems.
- **Main Responsibilities:** Estimation, design, development, testing, AWS server operation, code review.
- **Tech Stack:** Linux, MacOS PHP, Laravel, Vue, AWS, PostgreSQL Docker
- **Achievements:** Built a system capable of reducing maintenance effort by 10% through new support for 4 stations and feature additions.

Uwajima Navi Web App

- **Period**: August 2024 – Present(Eyemovic Inc)
- **Purpose:** To provide a community-based web application offering regional information, living support, and emergency response information.
- **Overview:** An information application for residents and tourists of Uwajima.
- **Main Responsibilities:** Query optimization, push notification support, migration from Zend to Laravel framework.
- **Tech Stack:** Linux, MacOS, PHP, Zend, Laravel, Docker, MySQL PostgreSQL.
- **Achievements:** Improved processing speed by 10% and currently proceeding with framework replacement.

eSIM Order System

- **Period**: June 2024 – February 2025(Eyemovic Inc)
- **Purpose:** To provide one-stop support from eSIM ordering to usage.
- **Overview:** Construction of a high-performance and scalable eSIM management system.
- **Main Responsibilities:** Third-party API integration, payment system integration, event trigger processing optimization.
- **Tech Stack:** Linux, MacOS, TypeScript, Remix, Lambda, EventBridge, PostgreSQL, GitHub Actions
- **Achievements:** Ensured improved performance and scalability.

Chatbot System

- **Period**: July 2023 – January 2024(Eyemovic Inc)
- **Purpose:** Development of an AI chatbot capable of learning from the user's own data.
- **Overview:** Construction of a dialogue AI that supports data customization.
- **Main Responsibilities:** Research, backend development, API development, testing, release.
- **Tech Stack:** Linux, Windows, TypeScript, Python, FastAPI, Langchain, PostgreSQL, Milvus, Docker.
- **Achievements:** Achieved improved API reusability and extensibility.

Internal System
- **Period**: January 2022 – October 2022(Kira Technologies)
- **Purpose:** To centralize digital management of internal information and improve operational efficiency.
- **Overview:** System development to achieve digitization of internal processes.
- **Main Responsibilities:** Design, development, testing.
- **Tech Stack:** Windows, PHP, Laravel, Bootstrap.
- **Achievements:** Successfully reduced annual external application usage costs by 20%.

POS (Point of Sale) System
- **Period:** June 2021 – March 2022(Kira Technologies)
- **Purpose:** To build a POS system for efficient inventory management.
- **Overview:** A web system linking store inventory and sales.
- **Main Responsibilities:** Development, testing.
- **Tech Stack:** Windows, PHP, Laravel, Blade, Docker, PostgreSQL, Bootstrap.
- **Achievements:** Implemented a scalable and high-performance POS foundation.

Himalaya Trek Nepal Website
- **Period:** January 2021 – April 2021(Thulo Technology)
- **Purpose:** To provide trekking information for tourists.
- **Overview:** A web application summarizing Himalaya trekking routes and guide information.
- **Main Responsibilities:** Development, testing.
- **Tech Stack:** Windows, Python, Django, SQLite, RESTful API.
- **Achievements:** Gained practical experience in the fundamentals and applications of web development.