

Sudan Upadhaya

Backend Developer

+49015730443028 | sudanupadhaya@gmail.com | [Linkedin](#) | [GitHub](#) | [Personal Page](#)

SUMMARY

Web developer with experience in PHP, Python, Docker, SQL, and JavaScript. Adept at creating dynamic, user-friendly web applications and optimizing backend processes. Proven ability to develop and maintain complex web applications, enhance database performance, and collaborate effectively with major clients. Passionate about leveraging cutting-edge technologies to drive innovation in web development. Demonstrates strong problem-solving skills and a commitment to improving software development practices. Eager to contribute as a Backend Engineer, delivering robust, scalable solutions that enhance user experiences and drive business success.

TECHNICAL SKILLS

Languages: Python | PHP | JavaScript | TypeScript | HTML | CSS | MySQL | PostgreSQL

Frameworks: FastAPI | Flask | Laravel | JQuery | Bootstrap

Developer Tools: Git | Docker | Linux | Postman | Jira | Asana | Slack

Others: AJAX | REST | SOAP | JSON | Agile | Scrum | SOLID Principle | OOP principle | MVC | Unit Testing

LANGUAGE SKILLS

English - Professional working proficiency

German - Elementary

EXPERIENCE

Web Developer (Student Job)

September 2021 – Current

schoenke - eMedia Consulting.

Cologne, Germany

- Developed and maintained PHP-based web applications for scheduling, post-production, and planning software for TV channels in Germany.
- Optimized MySQL database structures and SQL queries for enhanced performance.
- Developed within a custom PHP framework with MVC architecture and modular design.
- Collaborated with major clients such as Sipegal TV, Bild TV, and RTL.
- Technologies: PHP, JavaScript, jQuery, CSS, Git and MySQL.

Web Developer

August 2019 – February 2020

Grab Info-tech Private Limited

Kathmandu, Nepal

- Worked on web application school management system
- Improved PHP codebase and frontend integration while adding features.
- Developed REST APIs with Flask in Python, ensuring efficient integration with frontend and backend systems.
- Technologies: PHP, Python, jQuery, CSS, Laravel, Flask, Git and MySQL.

EDUCATION

University of Koblenz

Koblenz, Germany

Master in Web and Data Science

2020 - 2024

- Studied subjects were Web Science, Web Retrieval, Data Science, Machine Learning and Data Mining, etc.
- Completed research lab on COVID and AI. successfully build a Case-based reasoning application for suggesting policies for a pandemic.
- Ongoing thesis on “Fine-tuning large language model for irony detection”.

Tribhuvan University

Kathmandu, Nepal

Bachelor of Information Management (BIM)

2013 - 2017

- Studied programming languages (JavaScript, Java, PHP)
- Good knowledge of databases and networks.

PROJECTS

chat-pdf-huggingface | *Python, Streamlit*

- Created a Python project with Streamlit and LLM that enables chatting with a chatbot about uploaded PDFs

FastAPI-Postgres-Docker | *Python, FAST API, Docker, Nginx, Postgres-sql*

- Set up a Dockerized environment for a FastAPI app with PostgreSQL and NGINX using Docker Compose for easy deployment and management