

Sudan Upadhaya

Software Developer

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SUMMARY

Passionate software engineer skilled in PHP and Python, with experience in building dynamic web applications and optimizing backend systems. Committed to delivering scalable solutions and enhancing user experiences through innovative technologies.

TECHNICAL SKILLS

Languages: PHP, Python, JavaScript, HTML, CSS

Database: MySQL, PostgreSQL

Frameworks: Laravel, JQuery, Bootstrap, FastAPI

Developer Tools: Git, Docker, Postman, Jira, Asana, Linux

Others: AJAX, REST, SOLID Principles, OOP Principles, Unit Testing

EXPERIENCE

Junior Software Engineer

December 2024 – Current

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Cologne, Germany

- Leading the backend development for a high-impact project for **RTL**, focusing on reliable data processing and scalability.
- Integrated **RabbitMQ** for asynchronous communication and task management across distributed systems.
- Enhanced API performance and ensured seamless data flow between frontend and backend systems using.
- Collaborated with cross-functional teams to deliver robust and scalable solutions.
- Technologies: PHP, RabbitMQ, jQuery, CSS, Git, MySQL.

Software Engineer (Student Job)

September 2021 – August 2024

simpleRedak

Cologne, Germany

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

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, huggingface, LLMs*

- This Python project that allows you to chat with a chatbot about the PDF you uploaded.

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

event-management | *Laravel, React*

- Event Management software.

LANGUAGE SKILLS

English - Professional working proficiency

German - Elementary