Sagyan Singh

Kathmandu, Nepal

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https://notsagyan.github.io

PROFESSIONAL PROFILE

Professional software engineer with 3+ years of experience in full-stack web development. Proficient in a wide range of programming languages and frameworks with a proven ability to develop and maintain efficient, secure and scalable applications.

EXPERIENCE

Backend Developer (Contract)   July 2023 – January 2024
3 bird   *Netherlands (Remote)*

- Developed and maintained high-performance backend system for smartpart.com, a product that automates solutions for the sheet metal industry.
- Led the implementation of a low latency bi-directional communication system using Flask-SocketIO to implement real-time messaging and notification dispatching.
- Assisted the team by troubleshooting technical issues in the backend, reducing downtime and improving the overall efficiency of the application.
- Implemented secure authentication and authorization solutions, ensuring the protection of sensitive customer data.

Backend Developer   May 2022 – June 2023
Tekkon Technologies   *Kathmandu, Nepal*

- Designed a robust multi-tenant architecture for a SaaS project for Human Resource Management with a completely customizable UI with multiple themes and reusable dynamic components.
- Collaborated with cross-functional teams, including designers, developers, project managers, and stakeholders, to implement features to several existing projects.
- Developed and implemented strategies for optimizing the performance, scalability, and reliability of several ongoing projects.
- Worked with databases, caching layers, and third-party APIs to build robust and scalable applications.
- Mentored junior developers, provided guidance, code reviews, and technical support as needed.
- Prepared and maintained technical documentation as well as user manuals.

Full-Stack Developer   Feb 2020 – June 2022
Mango Software Solutions   *Kathmandu, Nepal*

- Contributed in developing a Ticketing System to streamline the management of employee issues for a large commercial bank with 3000+ employees.

- Collaborated with a team of developers to create an ERP system for Mid-West University, Surkhet, Nepal to manage their entire operation.
- Developed an ecommerce web application for an Agricultural company with several payment gateways with features such as inventory management and reporting.
- Supported and maintained existing applications and troubleshooting issues that arise post deployment.
- Contributed in the improvement of several existing projects by implementing several strategies such as caching as well as the overall code by providing proper documentation and introducing type annotation.

SKILLS

Python, Django, Django REST Framework, Flask, FastAPI, Celery, PostgreSQL, MySQL, SQLAlchemy, HTML, CSS, Javascript, Typescript, React, JQuery, Docker.

EDUCATION

Bachelors in Software Engineering   2016 - 2022
Pokhara University