

SAROJ KUMAR SAH

Kathmandu, Koteshwor

+977-9817627843

geeksaroj@gmail.com

Github@geek-saroj

[LinkedIn](#)

[Portfolio](#)

SOFTWARE ENGINEER

I am a Software Engineer with two years of experience, bringing a strong track record in problem-solving and a keen curiosity for emerging technologies. My passion for learning drives me to stay on the cutting edge of the tech landscape, while my ability to collaborate effectively makes me a valuable team player. I thrive in environments where I can tackle multidisciplinary challenges and contribute innovative solutions.

SKILLS AND PROGRAMMING LANGUAGE

- Node.js
- JavaScript
- Python
- PostgreSQL
- Git
- Rust
- Express
- Next.js
- Django
- MongoDB
- Gitlab
- Golang
- Nest.js
- React.js
- Flask
- MySQL
- Github
- Linux
- Loopback
- Vue.js
- Machine Learning
- Oracle
- Docker
- Cyber Security
- TypeScript
- Angular.js
- Mongoose
- Type-ORM
- K8s
- AWS(S3)
- socket.io
- postgis

PROFESSIONAL EXPERIENCE

Apr 2024 - Present

At Silk Innovation, Kathmandu

Backend Developer (Node.js, Express.js, Next.js, Nest.js)

- Designed and Built a comprehensive backend for Jhattai-Booking project, enabling user bookings, company management by Superadmin, bookings/packages/payment, and superadmin oversight.
- Designed and Build backend for the One-Sys App along with dashboard, facilitating service setup by admins, vendor listings, user bookings, and driver management for pickups, deliveries, payments.
- Next.js Developer | Billing Project: Integrated APIs, implemented client-side and server-side logic, optimized state management, and enhanced user experience in a billing application.
- Dockerized Applications: Containerized projects using Docker for consistent development and deployment across environments
- Web Server Configuration: Configured Nginx and Apache for optimized performance, load balancing, and security in scalable web architectures.
- Cloud Deployment, S3 Integration & Pipeline: Deployed projects on DigitalOcean, integrated AWS S3 for storage/backups, and automated workflows using CI/CD pipelines

AT supreme it solution, Kathmandu

Sep 2023 - Apr 2024

Fullstack software engineer (Node.js, Next.js, React, Express, Nest.js)

- Led full-stack development projects utilizing Next.js, React, Node.js, MongoDB, and MySQL to deliver comprehensive solutions.
- Created many responsive front-end elements with Material-UI, Tailwind CSS, and Framer Motion, Rizzui, React query and used Express.js, Nest.js PostgreSQL and Strapi CMS to manage back-end data effectively.
- Designed and implemented Restful APIs to ensure smooth data exchange and integrated secure authentication and authorization protocols.
- Application deployment on platforms like Digital-ocean, AWS, Vercel, and Render

At Protech Nepal | Intern

Jun 2023 - Aug 2022

- Worked closely with a team of software engineers to create and implement software solutions.
- Got practical experience in all stages of software development, like designing, coding, testing, and fixing bugs.
- Helped in improving and developing applications, learning about standard industry practices.

PROJECTS

Jhattai-booking-app

- User Booking: Enabled login, registration, and booking of services (gym, club, futsal, doctor appointments, etc.) with online/offline payment
- Package Management: Allowed vendors to manage service packages and bookings via a web portal.
- Vendor Dashboard: Developed a dashboard for vendors to manage user bookings and payment statuses.

One_system-app

- User Booking: Enabled login, registration, and booking of dynamic services (e.g., clothes wash, laptop repair) with pickup/drop-off locations.
- Service Assignment: Geeks assigned to drivers based on user location, ensuring efficient pickup and delivery to vendors.
- Fair Charge Calculation: Implemented a system for calculating fair charges based on distance for drivers picking up and delivering services.

Billin

- Product & Sales Management: Managed product purchases, sales, and warehouse operations with dynamic user permissions.
- Warehouse Allocation: Linked products to specific warehouses for efficient inventory and order management.
- Point of Sale Integration: Implemented a point of sales system with comprehensive features for seamless transactions and reporting.

PERSONAL PROJECTS

Full-Stack Real Estate Website

- Built a responsive real estate platform using React, Node.js, Firebase, Firebase Store and MongoDB.
- Implemented user authentication, allowing seamless signup, login, and profile updates.
- Enabled users to create property listings with features like rent/sale options.
- Implemented pagination for efficient search result navigation [Project-link](#)

EDUCATION

- **BSc (Hons) Computer System Engineering**
International School of Management and Technology (ismt), Kathmandu (2019 November - 2023 July)
- **Higher Secondary School (+2)**
Mithila institute of technology (MIT), Janakpur
- **Secondary School**
Baidyanath Devnarayan Janta Secondary School, Dhanusha

CONTACT

- **Linkedin** : <https://www.linkedin.com/in/saroj4/>
- **Email** : geeksaroj@gmail.com
- **Git-hub** : <https://github.com/geek-saroj>
- **Cell-Phone** : +977-9817627843
- **Portfolio** : www.sarojsah.info.np
- **Address** : Kathmandu, Koteswor

CERTIFICATION

Ismt Hackathon 2021

Obtained certification through participation in an internal college hackathon competition

Volunteer

At ISMT for blood Donation program

HOBBY

- **Gyming**: Creating discipline, de-stressing, and finding balance via exercise
 - **Cricket**: Developing an appreciation for collaboration and strategic thinking by playing and watching cricket
 - **Travel**: Exploring regional languages, traditions, and customs when traveling to promote a closer bond with many cultures.
-