

Sujal Shrestha

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SUMMARY

Full-stack software engineer with experience building production web applications using modern JavaScript frameworks. Skilled in developing scalable frontend and backend systems using React, Next.js, Node.js, and PostgreSQL. Experienced working with cloud infrastructure (AWS), containerization, and modern DevOps workflows. Strong background in building client-facing applications, APIs, and developer-friendly systems. Actively contributing to developer communities and leading cloud engineering initiatives.

SKILLS

Languages

JavaScript, TypeScript, C, C++

Backend

Node.js, Express.js, Nest.js, REST APIs

Cloud & DevOps

AWS EC2, S3, IAM, Docker, CI/CD

Frontend

React, Next.js, HTML, CSS, Responsive Design

Databases

PostgreSQL, MongoDB

Tools

Git, GitHub, Linux

EXPERIENCE

PSL Technologies Pvt. Ltd.

2024 – Present

Software Engineer

Remote

- Developed and delivered 10+ production web applications for international and local clients.
- Built scalable frontend interfaces using Next.js and React.
- Developed backend APIs and integrated third-party services for client platforms.
- Delivered production systems including:
 - Psychiatric Association of Nepal Conference Website
 - Pharmaceutical product platform
 - Service company management system
 - E-commerce platforms

Yes Helping Hands Pvt. Ltd.

Oct 2024 – Dec 2024

Associate Software Engineer

Pokhara, Nepal

- Implemented secure authentication systems using Auth.js.
- Integrated OAuth providers including Google and Facebook login.
- Collaborated with backend engineers to integrate REST APIs.
- Built frontend logic including state management, caching, and query handling.
- Contributed to an international e-commerce platform.

Black Tech Pvt. Ltd.

Apr 2023 – Jun 2023

Frontend Developer

Pokhara, Nepal

- Developed frontend components for an e-commerce platform.
- Implemented features including image cropping, checkout flows, and product catalog UI.
- Integrated APIs and used TanStack Query for data fetching.
- Contributed to debugging and testing production systems.

AWS Cloud Club – IOE Paschimanchal

2024 – Present

Technical Lead

Pokhara, Nepal

- Organized the first AWS Student Community Day Pokhara 2025.
- Designed and built the production event website awsscdpokhara.com.
- Led cloud and DevOps workshops for engineering students.
- Coordinated technical events with multiple AWS Cloud Clubs across Nepal.

PROJECTS

AWS Student Community Day Pokhara Website

<https://awsscdpokhara.com>

- Designed and developed the official event platform.
- Implemented speaker and sponsor application systems.
- Built responsive UI and scalable deployment infrastructure.

PAN Conference Platform

<https://panconpkr.com>

- Built conference management website for the Psychiatric Association of Nepal.
- Implemented dashboard with CSV/PDF export functionality.
- Integrated cloud object storage using Cloudflare R2.

Healthcare Pharmaceutical Platform

<https://servehealth-care.com>

- Developed product catalog system and responsive UI.
- Enabled scalable product listing and business growth features.

Kaviar Beauty E-commerce

<https://kaviar-beauty.vercel.app>

- Built a full e-commerce frontend using Next.js.
- Implemented filtering logic and product catalog UI.

EDUCATION

Institute of Engineering, Paschimanchal Campus

Expected 2027

Bachelor of Electronics Engineering

Pokhara, Nepal

- Percentage: 72%
- Coursework: Data Structures & Algorithms, Operating Systems, DBMS, Embedded Systems, Computer Networks

Amar Singh Secondary School

2020 – 2022

Higher Secondary Education

Pokhara, Nepal

HACKATHONS

MBMC Ideax Hackathon (48h)

- Built SafeHer, a safety application using React Native and Express.js backend.

Ethos Hack – ICES (48h)

- Built BoatConnect, a boat registration platform for Lakeside.
- Developed using React and PHP with Apache.

Yantra Hackathon – PEC (24h)

- Built BlindTrust, an anonymous professional networking platform.
- Implemented using Next.js and MongoDB.

REFERENCES

Available upon request.