

Srijan Gajurel

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PROFILE

Computer Engineering graduate from Nepal Engineering College (Pokhara University) with extensive practical experience in full-stack web development, AI integration, and predictive data systems. Adept across the complete software development lifecycle, from system architecture design to live deployment on cloud-based systems. Certified across multiple core domains including Google Data Analytics, AI engineering, and project management. Strong collaborator and community organizer with proven leadership capacity serving as Membership Chair in global youth civic organizations.

EDUCATION

Nepal Engineering College, Pokhara University

Bachelor of Engineering in Computer Engineering (CGPA: 3.33 / 4.00)

Bhaktapur, Nepal

Feb 2022 – Mar 2026

- **Core Academic Modules:** Data Structures and Algorithms, Database Management Systems, Computer Architecture, Artificial Intelligence, Object-Oriented Programming, C/C++ Systems Programming.
- **Capstone Project:** Blood Bank Management System with ML-based Demand Forecasting. Developed and implemented a complete full-stack MERN application integrated with an analytical Python regression model.

Reliance International Academy, NEB

High School Diploma in Science (GPA: 3.73 / 4.00)

Kathmandu, Nepal

2020 – 2021

Arunima Shikshya Sadan Secondary School, NEB

Secondary Education Examination (SEE) (CGPA: 3.70 / 4.00)

Kathmandu, Nepal

Completed 2019

TECHNICAL SKILLS

Frontend Technologies: React.js, Vite, Bootstrap, HTML5, CSS3, Tailwind CSS, Responsive Design

Backend & Database Systems: Node.js, Express.js, Laravel, RESTful API Design, MongoDB, MySQL

AI/ML, Tools & Platforms: Generative AI, Prompt Engineering, Hugging Face Spaces, Python, Git/GitHub, VS Code, Render, WordPress

Architectural Concepts: Model-View-Controller (MVC) Design, Object-Oriented Programming (OOP), Advanced Data Structures, Role-Based Access Control (RBAC)

Core Interpersonal Proficiencies: Business Communications, Corporate Presentation, Cross-Functional Team Leadership, Technical Problem Solving

PROFESSIONAL EXPERIENCE

ITIntern

Web Developer Intern

Remote

Sep 2024

- Built features for 2 web applications, Manoranjan and Life Care Services, using HTML, CSS, JavaScript, PHP, and MySQL.
- Developed responsive frontend interfaces and backend functionality for 2 student and emergency-service applications.
- Completed 4 web development projects and 4 technical assessments during the internship.
- Earned 2nd Top Performer ranking among all active interns.
- Documented internship verification under Certificate ID WDB53 at itintern.in/verify.

Dlytica Academy

Data Science Intern

Kathmandu, Nepal

Apr 2026

- Earned a full scholarship for a 3-month data science training and professional internship through competitive screening.
- Applied predictive modeling, statistical methods, and data engineering techniques in collaborative data science projects.

Nobel Coaching (Nobel Internship)

Professional Development Intern

Kathmandu, Nepal

2024 – Present

- Completed corporate training focused on professional communication, client-facing skills, and collaborative leadership.
- Published project and credential records in a public GitHub repository.

SELECTED PROJECTS

Blood Bank Management System with Demand Forecasting | React, Node.js, Express, MongoDB, Python | Apr 2025 – Mar 2026

- Built a MERN platform for donor registration, blood inventory, donation history, hospital requests, and admin approvals.
- Integrated a Python forecasting module to estimate blood demand and support inventory planning.

Dropee - Link-Based File Sharing Platform | React, Vite, Node.js, Express.js, MongoDB

Feb 2026 – Mar 2026

- Built a file-sharing platform supporting files up to 100 MB without user registration.
- Implemented temporary file links and resolved API rate limits, cloud storage constraints, and URL routing issues.

AI Career Guidance Tool | Python, Hugging Face, Generative AI

Feb 2026 – Mar 2026

- Co-developed an AI career guidance system with a 5-member agile development team.
- Mapped user interests to technical skills and learning resources using Generative AI.
- Deployed the application on Hugging Face Spaces and tested concurrent user access.

CERTIFICATIONS & PROFESSIONAL CREDENTIALS

- **Google Data Analytics Professional & Google AI Essentials** (Verifiable credentials completed via Coursera).
- **Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate** (Industry-standard validation in public cloud AI operations).
- **Generative AI Top Performer Award** presented by Ideagist for technical outstanding excellence and model design.
- **One Million Leaders Fellowship (2025) & Aspire Institute Leadership Certificate** (Alumnus of highly selective global leadership fellowships).

LEADERSHIP AND VOLUNTEERING

Nobel Tech Explorers Club

Vice-President

Nepal

2026 – Present

- Coordinate club operations, member activities, and collaborative planning as part of the leadership team.
- Led a Skill Development Program teaching HTML, CSS, and JavaScript to beginner learners.
- Facilitated an AI, ML and Data Science fundamentals event for beginner-level learners.

Rotaract Club of Pashupati Kathmandu

Club Membership Chair

Kathmandu, Nepal

2021 – Present

- Lead membership activities and community events for a 20+ member civic service club.
- Coordinate development activities, social impact budgets, and regional events with club members.