

Suman Kunwar

Full Stack Developer

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Work authorization: Italian student permit, part-time up to 20 hours a week. No visa sponsorship needed.

Summary

Full stack developer with 2.5+ years shipping production web and mobile software: school management and cloud accounting SaaS at Virgu Technology, and a React Native vehicle-tracking app built as sole developer. MSc Computer Science student at Sapienza University of Rome, looking for a part-time developer role.

Experience

Full Stack Developer · Virgu Technology, Kathmandu, Nepal (remote) Mar 2026 – Oct 2026

- Built FullBagERP's transport module end to end: routes, stops, student assignment, live tracking and the parents' view.
- Built online admissions, curriculum and unit planning, staff management, role-based permissions and dashboards; moved core models to one database per school.
- Built FullBagAccounting master data, Nepal Rastra Bank exchange rates, Cash/Bank, Journal and Debit/Credit Note screens, and voucher numbering per Nepali financial year that never repeats, even when two users save at once.
- Built the FullBag driver app alone in React Native (Expo, TypeScript): an on-device SQLite outbox with idempotent batch uploads so no GPS position is lost when signal drops, QR-code student attendance, and Android release builds with EAS.
- Worked with PostgreSQL, Prisma, Redis, BullMQ, Docker and GitHub Actions CI/CD across 487 commits; built the company website, virgutech.com, in Next.js.

Full Stack Developer · W.A.S. Media Marketing, Kathmandu, Nepal Oct 2024 – Feb 2026

- Built and deployed websites, REST APIs and MERN-stack applications for agency clients, hosted on Hostinger with AWS for specific services.
- Built and SEO-optimized websites for clients in travel, hospitality, events, engineering and e-commerce, bringing client sites to the top of Google results in Nepal for their main search terms.

Web Developer · House of Rajkarnicar, Lalitpur, Nepal Mar 2024 – Oct 2024

- Built and maintained event and brand websites with social media integrations; improved rankings with technical SEO.

Digital Products and Marketing · Socheko.com, MastaKala.com, Kathmandu, Nepal Jul 2021 – Mar 2024

- Product Head / Digital Marketer at Socheko.com (Jul 2021 – Oct 2023) and Digital Marketer & E-commerce Officer at MastaKala.com (Dec 2023 – Mar 2024): ran e-commerce operations and digital marketing and led a small team.

Projects

Customer Churn Analysis github.com/SumanKunwar1/Customer-churn-analysis

Python, scikit-learn, XGBoost, LightGBM, Optuna, SHAP, MLflow, Streamlit, pytest

- Predicts which customers will leave and why: 20+ engineered features, models tuned with Optuna, SMOTE and stratified 5-fold cross-validation; about 0.84 ROC-AUC vs 0.74 for a logistic regression baseline, with SHAP explanations, MLflow tracking and a Streamlit dashboard.

CollegeEase github.com/SumanKunwar1/CollegeEase

TypeScript, Next.js, React, Tailwind CSS, Node.js, Express, MongoDB, Redis, PayPal

- Student platform for college search and comparison, applications and scholarships, and mentor bookings with paid group sessions through PayPal.

Education

MSc Computer Science – Informatica (Laurea Magistrale, LM-18) 2026 – 2028 (expected)

Sapienza University of Rome, Italy · two-year program taught in English

BSc (Hons) Information Technology Feb 2022 – Aug 2025

Asia Pacific University of Technology & Innovation (APU), Malaysia · studied at Lord Buddha Education Foundation, Kathmandu

- Second Class Honours (First Division), CGPA 3.46/4.00, final-semester GPA 3.90. Modules include Advanced Database Systems, Distributed Systems, Cloud Applications and Object-Oriented Java.

Skills, languages and certification

Programming	TypeScript, JavaScript, Python, SQL; pandas, NumPy, scikit-learn, XGBoost, LightGBM
Web and mobile	React, Next.js, Vue.js, Tailwind CSS, React Native, Expo, SQLite, Leaflet
Backend and data	Node.js, Express, Prisma, Flask, REST APIs, BullMQ, PostgreSQL, MongoDB, MySQL, Redis
Cloud and DevOps	AWS (EC2, S3), Docker, GitHub Actions (CI/CD), Git
Languages	English C1 (IELTS Academic 7.0) · Nepali native · Hindi fluent · Italian beginner (learning)
Certification	AWS Certified Cloud Practitioner (2025)

I authorize the processing of my personal data under Regulation (EU) 2016/679 (GDPR) and Italian Legislative Decree 196/2003.