

BISHRANTA REGMI

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Full Stack Web Developer | AI/ML Engineer

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PROFESSIONAL SUMMARY

Freshly graduated Computer Engineering student and full stack web developer with hands-on experience building and deploying production websites and web applications using React, Next.js, TypeScript, and Tailwind CSS, backed by CMS platforms, Node.js, PostgreSQL, and Supabase. Brings a UI/UX design background that strengthens front-end interface work, alongside additional experience in Python-based data analysis and machine learning.

TECHNICAL SKILLS

Web Development: React, Next.js, TypeScript, JavaScript, Tailwind CSS, Node.js, HTML, CSS

CMS & Backend: Strapi CMS, Supabase, Node.js

Database: Supabase, PostgreSQL, MySQL, SQL

Deployment & Tools: Git, GitHub, Vercel, Railway, cPanel

Programming: Python, C/C++

Machine Learning & Data Science: Deep Learning, Feature Extraction, Scikit-learn, Pandas, NumPy

Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Excel

Design: UI/UX Design, Figma, Photoshop

EXPERIENCE

Full Stack Developer – ICT Foundation

May 2026 – Present

- Developed responsive web applications using React, Next.js, and Tailwind CSS
- Built and maintained backend services and a CMS platform using Node.js and Strapi
- Designed and managed PostgreSQL databases to support application and content data
- Deployed and maintained applications across Railway and cPanel hosting environments

Freelance Web Developer – Self-Employed

Jul 2025 – Present

- Designed and developed responsive websites for multiple clients using React, Next.js, TypeScript, and Tailwind CSS
- Built and integrated Supabase-backed applications for database, authentication, and real-time data
- Built multi-page event websites with registration forms and real-time features
- Managed deployments and hosting via Vercel and cPanel, with version control through GitHub

Freelance Data Analyst – Self-Employed

Jun 2024 – Jun 2025

- Collected and cleaned datasets from spreadsheets and online sources
- Performed exploratory data analysis using Python and Excel and generated visual reports

Creative Designer – LOFA | Freelance

2019 – Present

- Designed marketing graphics, branding assets, and UI/UX mockups for technical programs and web platforms
- Created wireframes and interactive UI designs using Figma and Photoshop, focusing on usability and visual consistency
- Translated UI/UX designs into responsive, functional web interfaces using React and Tailwind CSS

PROJECTS

Web Development Projects

- ictfoundation.org.np – Built using React, Next.js, and Tailwind CSS
- globalspark.com.np – Built on a CMS with Supabase as the backend database
- digitalconclave.org – Developed a multi-page event website with registration forms and real-time features
- ictaward.org – Developed a multi-page event website with registration forms and real-time features along with database and past archives.

NEPSE Stock Price Prediction System

- Built LSTM deep learning models for time-series forecasting of NEPSE-listed stock prices
- Developed automated Python pipelines for scraping and preprocessing OHLC stock data
- Created a web interface allowing users to select companies and generate predictions

Image Authenticity Detection System

- Built a machine learning system to detect manipulated or tampered images
- Implemented feature extraction techniques to identify altered regions
- Generated heatmap visualizations to highlight manipulated areas

EDUCATION

Bachelor of Computer Engineering

2022 – 2026 (Expected)

Kathmandu Engineering College, Tribhuvan University | Kathmandu, Nepal

Relevant Coursework: Data Mining, Big Data, DBMS, Artificial Intelligence, DSA

CERTIFICATIONS

Advanced Python Programming – DataCamp

Intermediate SQL – DataCamp