






BINOD POUDEL

Frontend-Focused Full-Stack Developer (React.js, Next.js, JavaScript, TypeScript)


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 <https://github.com/binodpoudel>

 <https://binodpoudel.github.io/portfolio-page-binod/>

Profile

Frontend-focused Full-Stack Developer (2020–Present) creating elegant, high-performance web applications with React.js, Next.js, and Tailwind CSS. Strong backend foundation in Node.js, Express.js, PHP, and Laravel, with growing expertise in Python and AI/ML integrations. Skilled in clean architecture, UI/UX design, API integration, and cross-functional collaboration within agile teams. Currently contributing to Data Science & AI projects, bridging the gap between frontend development and data engineering to deliver intelligent, user-driven digital products.

Programming isn't just work – it's a creative process where I transform ideas into useful, data-driven digital products.

Professional Experience

Omdena – Data Scientist / AI Engineer (Volunteer, part-time) – Remote | Jul 2025 – Present

- Built the frontend for the “AI Carbon Agents” product using Next.js and React; implemented responsive dashboards and visualizations to display carbon metrics and scenario simulations.
- Integrated ML/AI model endpoints and REST APIs; worked closely with data scientists to ensure accurate data flow and monitoring.
- Contributed to CI/CD pipelines and Docker development environments; participated in agile sprints and code reviews.

Freelance Frontend Developer Berlin (Remote) | Oct 2024 – Jun 2025

- Designed and implemented modern, accessible UIs using React, Next.js, Tailwind, and Material UI for multiple client projects.
- Implemented performance optimizations (lazy loading, code splitting), responsive layouts, and cross-browser testing.
- Collaborated with backend teams to integrate REST APIs and deliver end-to-end solutions.

INLOCON AG – Full-Stack Developer (Frontend Focus) – Leipzig (Hybrid) | Feb 2024 – Sep 2024

- Developed and optimized responsive enterprise user interfaces using React and Tailwind CSS.
- Implemented state management (Redux/Context), integrated REST APIs, and improved front-end maintainability through component reusability and code reviews.
- Worked in an agile environment with Docker and GitHub version control.

Freelance Full-Stack Developer – Leipzig (Remote) | Oct 2023 – Jan 2024

- Delivered full-stack web applications using the MERN stack; implemented secure backend endpoints, authentication, and responsive frontends.
- Deployed projects and set up development pipelines for small teams.

Deutsche Bank Group – Data Control Analyst (Regulatory Processes) – Leipzig (Onsite) | Aug 2023 – Sep 2023

- Maintained and reviewed data in compliance with regulatory processes.

Freelance Full-Stack Developer – Leipzig (Remote) | Jan 2021 – Jul 2023

- Built MERN-stack applications, focusing on user experience, security, and deployment workflows; used GitHub for version control and collaboration.


DHL Hub – Document Controller – Leipzig/Halle (Onsite) | Apr 2017 – Oct 2018


- Verified international shipping documents and supported logistics operations with a focus on accuracy and timely processing.


Other Professional Experience – Nepal | 2004 – 2016


- Trekking Guide & Team Leader – Led international trekking groups and coordinated logistics and safety.
- Marketing Manager – Planned and executed online marketing (SEO, Google Ads, social media).
- Accounting Manager / Assistant – Managed accounting, reports, and audits.


Technical Skills

 **Frontend:** HTML5, CSS3, JavaScript (ES6+), TypeScript, React, Next.js, React Router, Redux, Context API, Tailwind CSS, Bootstrap, Material UI.

 **Backend:** Node.js, Express.js, REST APIs, JWT authentication, PHP, Laravel, Python

 **Databases:** MongoDB, Mongoose, MySQL, SQL

 **AI/ML:** Python, Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch, Streamlit, data visualization (matplotlib, seaborn)

 **DevOps & Testing:** Docker, GitHub, CI/CD, Jest, PyTest, Postman, AWS basics

 **Design & Productivity:** Figma, VS Code, debugging tools

Education & Certifications

- Data Science & AI – Omdena Academy (2025)
- Web & Software Development – Digital Career Institute, Leipzig (2020)
- Diploma in Accounting & Management – Tribhuvan University, Nepal (2007)
- High School Diploma – Tribhuwan Bal Secondary School, Nepal (2001)

Languages

- English – Fluent
- German – B2
- Nepali – Native

Strengths & Interests

- Strong teamwork in multicultural and agile environments.
- Self-motivated with high learning agility.
- Passion for AI, open-source projects, trekking, and outdoor activities.
- Fast learner with high technical curiosity (AI + Web).

Work Preferences

- Open to remote, hybrid, or on-site roles across Europe or globally.