

CONTACT

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TECHNICAL SKILLS

PROGRAMMING LANGUAGES

Python JavaScript
TypeScript PHP
Java C

BACKEND

FastAPI Python
REST APIs PHP

FRONTEND

React Next.js Redux
Tailwind CSS HTML5
CSS3 GSAP
Framer Motion

DATABASES

PostgreSQL MySQL

CMS

WordPress

TOOLS

Git GitHub VS Code
Postman Figma

EDUCATION

Bachelor of Information & Technology (BIT)

Himalayan Whitehouse
International College

Tribhuvan University 2022 – 2026

CERTIFICATIONS

Modern Full-Stack Engineering

PRASHANNA PUDASAINI

Full Stack Software Engineer

Python • FastAPI • React • TypeScript • PostgreSQL • MySQL

PROFESSIONAL SUMMARY

Results-driven Full Stack Software Engineer specializing in building production-ready, high-performance web applications with **Python, FastAPI, React**, and **TypeScript**. Expert in designing robust REST APIs, architecting scalable **PostgreSQL** and **MySQL** databases, and delivering custom **WordPress** platforms. Committed to performance optimization, modern responsive UI development, and engineering scalable architectures that drive measurable business impact.

WORK EXPERIENCE

- Professional Web Development Intern** Jun 2023 – Aug 2023
Tech Company Kathmandu, Nepal
 - Delivered production-ready, highly responsive full-stack web applications and interactive business portals serving **5,000+ active users** across desktop and mobile devices.
 - Architected scalable backend REST APIs utilizing **Python and FastAPI**, streamlining frontend data integration with React to reduce latency and boost retrieval speeds by **35%**.
 - Collaborated with senior engineers to design optimized relational **PostgreSQL** and **MySQL** database schemas supporting **10,000+ records** alongside secure user authentication pipelines.

FEATURED PROJECTS

MotionAge Corporate Platform • [motionage.com](#)

React • Next.js • Tailwind CSS • Performance SEO

- Spearheaded full-cycle frontend development of a high-performance B2B corporate application, establishing an authoritative brand presence that boosted organic inquiry conversion by **40%**.
- Implemented modern mobile-first responsive architecture and comprehensive performance optimization, guaranteeing sub-second loading speeds and top-tier search visibility.

Sitaram Dudh Enterprise Web Application • [sitaramdudh.com](#)

FastAPI • React • Tailwind CSS • MySQL

- Engineered a production-ready, highly responsive web presence focusing on product catalog clarity, nutritional data transparency, and brand heritage for a leading dairy producer.
- Optimized REST API responses and media rendering pipelines to achieve lightning-fast initial page load times (**<0.8s FCP**) across all devices and network conditions.

Arunodaya Distillery Brand Showcase • [arunodayadistillery.com](#)

FastAPI • Next.js • Tailwind CSS • PostgreSQL

- Digitized corporate identity and product showcase capabilities for an established manufacturing enterprise by developing a performant, production-ready web application.
- Delivered a seamless user journey utilizing smooth micro-animations and responsive layouts, significantly elevating the brand's digital market perception.

Advanced API Architecture & Security

Responsive Web & UI Design
Performance Optimization & SEO Mastery

LANGUAGES

Nepali	Native
English	Fluent

IOFTC Nepal Championship Platform • [ioftcnepal.org](#)

WordPress • Custom CMS Architecture • Performance Optimization

- Engineered a dynamic, production-ready WordPress platform for the International Open Friendship Taekwondo Championships serving **1,000+ global participants**.
- Executed comprehensive caching and structural responsiveness enhancements, achieving an exceptional **95+ Google Lighthouse score** across speed and accessibility metrics.

DEMO PROJECTS

Restaurant Website Demo • [demo-restaurantsite.vercel.app](#)

React • Tailwind CSS • GSAP • Framer Motion

- Built an interactive, conversion-optimized promotion platform for gastronomy services, showcasing fluid GSAP micro-animations and intuitive menu navigation.
- Engineered modular component architectures that deliver instant UI feedback and flawless mobile responsiveness across diverse viewports.

Trekking Nepal Adventure Platform • [trekkingnpl.vercel.app](#)

React • Next.js • Tailwind CSS • REST APIs

- Developed an immersive web application for adventure tourism featuring high-resolution image optimization pipelines, dynamic itinerary routing, and responsive mapping UI.
- Designed conversion-focused tour booking layouts and fluid navigation flows to maximize customer retention and user engagement.

Consultancy Corporate Showcase • [demo-consultanc.vercel.app](#)

React • Tailwind CSS • Responsive Design

- Built a sleek corporate advisory web application optimized for commercial client acquisition, professional service discovery, and responsive lead generation forms.
- Implemented modern semantic HTML5 and clean CSS styling architectures, guaranteeing zero layout shift and rapid initial performance.

AroraWave Marketing Template • [arorawave.vercel.app](#)

React • Tailwind CSS • GSAP • Framer Motion

- Engineered a visually stunning SaaS marketing template featuring advanced scroll-triggered Framer Motion animations and modern glassmorphic UI elements.
- Optimized interactive animation loops and scroll handlers to maintain a consistent **60 FPS** visual rendering experience across mobile and desktop displays.

OTHER NOTABLE PROJECTS

- SMEs Accounting & Finance Dashboard** – Developed a responsive financial Single Page Application (SPA) with real-time general ledger visualization, transaction management, and dynamic analytical charting features.
- Everest Taekwondo School Management System (USA)** – Built a comprehensive, multi-role web application powered by **FastAPI**, React, and **PostgreSQL** for automated billing pipelines, digital exam grading, and student attendance administration.