

NISCHAL ACHARYA

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Full Stack Developer with hands-on experience building scalable web applications using React, Next.js, Laravel, and PHP. Demonstrated ability to deliver client-facing platforms, IoT-integrated systems, and real-time applications from conception to deployment. Committed to writing clean, maintainable code and continuously expanding technical expertise.

EDUCATION

ITAHARI INTERNATIONAL COLLEGE BSc (Hons) Computing Relevant Coursework: Web Development, Database Systems, IoT, Software Engineering	SUNDAR DULARI, NEPAL 2022 – 2024
MOUNT EVEREST ENGLISH SECONDARY SCHOOL School Leaving Certificate (Management)	GAURADAHHA, NEPAL 2019 – 2021
MOUNT EVEREST ENGLISH SECONDARY SCHOOL Secondary Education Examination	GAURADAHHA, NEPAL 2009 – 2019

EXPERIENCE

SHANGRILA MICROSYSTEM PVT LTD <i>Backend Developer (Internship)</i>	KATHMANDU, NEPAL June 2023 – September 2023
<ul style="list-style-type: none">Developed and maintained RESTful APIs using PHP and Laravel framework to support front-end data requirements.Collaborated with cross-functional team to design database schemas and optimize SQL queries, reducing page load times.Implemented authentication and authorization modules, strengthening application security for production deployment.	

PROJECTS

WAVIFY – MUSIC STREAMING PLATFORM <i>Next.js, TypeScript, Tailwind CSS, Supabase, Zustand, Gemini API</i>	Mar 2026 – Apr 2026
<ul style="list-style-type: none">Built a full-featured Spotify-like music app with YouTube integration, real-time playback, and playlist management.Implemented user authentication, state management via Zustand, and AI-powered recommendations using Google Gemini API.	
KICK UP FUTSAL – BOOKING SYSTEM (FINAL YEAR PROJECT) <i>HTML, CSS, JavaScript, Bootstrap, Laravel, REST API</i>	2023 – 2024
<ul style="list-style-type: none">Engineered a multi-role futsal booking platform with dedicated dashboards for users, futsal managers, and administrators.Designed and implemented a RESTful API backend in Laravel, enabling smooth real-time slot booking and availability tracking.	
BUS MANAGEMENT SYSTEM – IOT PROJECT <i>HTML, CSS, JavaScript, PHP, Google Maps API, Arduino</i>	2022 – 2023
<ul style="list-style-type: none">Built an IoT-integrated bus tracking system connecting Arduino sensors to a web dashboard for real-time route and location data.Integrated Google Maps API to visualize live bus positions and provide users with accurate timing information.	

SKILLS

Languages: HTML, CSS, JavaScript, Python, Java, PHP, SQL, Dart (Flutter)
Frameworks & Libraries: React, Next.js, Laravel, Tailwind CSS, Bootstrap
Tools & Platforms: Git, GitHub, MySQL, Supabase, VS Code, PHPStorm, WebStorm, Laragon, XAMPP, DBeaver, Eclipse IDE
Cloud & Other: AWS (Cloud Foundations), Arduino/IoT, REST APIs, Google Maps API

CERTIFICATIONS

Prompt Design in Vertex AI – Google | AWS Academy Cloud Foundations – Amazon Web Services, 2022
Career Essentials in Software Development – Microsoft & LinkedIn Learning, 2023
Improve Your React Skills; Build Your Laravel Skills; Learning Python; Learning Git & GitHub – LinkedIn Learning, 2022–2023
Frontend Development (HTML) – Great Learning, 2022 | Learning Java Programming – Great Learning, 2022