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EXPERIENCE

Full-Stack Developer

Aarambha IT Research Center Pvt. Ltd

November 2024 - May 2025

Aarambha IT Research Center is a Pokhara-based technology company that provides web and mobile app development, digital marketing management solutions to clients in Nepal and abroad.

- Developed projects based on web applications and websites, ensuring responsive design and functionality.
- Collaborated with team members to implement client requirements effectively.
- Worked on SEO (Search Engine Optimization) to improve website visibility and ranking on search engines.
- Contributed to UI/UX improvements for better user experience across platforms.

PROJECT

Cooperative Website

Aarambha IT Research Center Pvt. Ltd

- Engineered a feature-rich cooperative website, enabling seamless access to financial services, member dashboards, and loan application process.
- Designed and implemented secure user authentication and role-based authorization, ensuring privacy and access control for members.
- Developed the backend using Django and Django REST Framework (DRF), focusing on scalability, API efficiency, and secure data handling.
- Built a responsive and high-performance frontend using Next.js and better user experience.

Ecommerce Website

Aarambha IT Research Center Pvt. Ltd • hreecreate.com.np/

- Built a full-stack eCommerce website for an Instagram-based store, enabling product listing, cart management, order tracking, and seamless checkout experience.
- Designed a clean, mobile-responsive frontend using Next.js, optimized for fast browsing, intuitive navigation, and strong conversion rate.
- Developed the backend with Django and Django REST Framework (DRF), implementing secure payment workflows, inventory control, and user authentication.
- Successfully integrated the **Nepal CANN Move System API** to automate logistics and delivery tracking — a challenging task due to limited documentation and regional constraints.

Event Booking System

Aarambha IT Research Center Pvt. Ltd • February 2025 - May 2025

- Developed a robust ticket booking feature with secure payment integration and seat availability checks, enabling seamless user experience for large-scale events.
- Implemented an event registration system with real-time validation and automated confirmation emails, streamlining the registration process for organizers and attendees.
- Built a scalable user account management module supporting secure authentication, role-based access control, and user profile customization.
- Architected the backend using Django and Django REST Framework (DRF), ensuring modular API development, efficient data serialization, and system maintainability.

EDUCATION

Bachelor of Information Technology

Informatics College Pokhara • Pokhara, Nepal • 2025

SLC

Janapriya Multiple Campus • Pokhara, Nepal • 2021

SEE

Step By Step Secondary School • Pokhara, Nepal • 2019

COURSEWORK

version: 3.5.0-18b16f72

DotNet Technology

Informatics College Pokhara · 2025 · C# (Backend)

- Developed a backend system for a **single-vendor eCommerce bookstore** as part of academic coursework, focusing solely on backend development.
- Built using **C#** and **ASP.NET Core Web API**, providing RESTful endpoints for product management, user authentication, order processing, and reporting functionality.
- Designed a modular and scalable system structure with clear separation of concerns, enabling easy integration with any frontend framework.
- Emphasized secure coding practices, efficient database interactions, and robust API design tailored for online book sales.

School Management System

Informatics College Pokhara · 2025 · ReactJS (TypeScript preferred), Django

- Developed a comprehensive **School Management System** to streamline operations such as student enrollment, teacher management, examination handling, and staff coordination.
- Implemented key modules including **student management**, **teacher management**, **exam management**, **class and routine scheduling**, and **system administration** to support end-to-end academic workflows.
- Built the backend using **Django** and **Django REST Framework**, ensuring secure, scalable APIs with efficient data handling and role-based access control.
- Designed the frontend using **ReactJS with TypeScript**, delivering a responsive and user-friendly interface for administrators, teachers, and students.

DotNet Technology

Informatics College Pokhara · 2024 · C#, MAUI Blazor Hybrid Application

- Designed and developed a **Personal Expense Tracker** as a cross-platform native application for **Windows and Android**, completed as part of academic coursework.
- Built using **C#** and **.NET MAUI Blazor Hybrid**, enabling a consistent user interface and functionality across both desktop and mobile platforms.
- Implemented core features including expense logging, category-wise tracking, and interactive visualizations to help users analyze their spending patterns.
- Focused on clean UI/UX, responsive design, and efficient real-time data handling to enhance usability across devices.

Chatting Application

Informatics College Pokhara · 2023 · Django, jQuery

- Designed and developed a real-time **Chatting Application** with core features including friend requests, one-on-one messaging, and file sharing.
- Built using **Django** for full-stack development, handling both backend logic and server-rendered frontend templates.
- Integrated **jQuery** to enhance interactivity, implement AJAX-based message updates, and ensure a smooth user experience without full page reloads.
- Implemented secure user authentication, media file handling, and relational data structures to manage chats, friendships, and user sessions.

Ecommerce System

Informatics College Pokhara · 2023 · Django, jQuery

- Developed a full-stack **Makeover eCommerce System** for a single vendor, enabling the sale of personal wearable products, cosmetics, and accessories.
- Built entirely with **Django**, handling both frontend and backend to ensure a cohesive and maintainable architecture.
- Integrated **Stripe** for secure and reliable online payments, enabling smooth checkout experiences and order confirmations.
- Implemented key features including product catalog management, cart and order handling, user authentication, and payment tracking to optimize performance and user experience.

SKILLS

Proficient in Python (Django), Proficient in React and Next.js., Experienced with reverse engineering techniques and tools (dnSpy, IL2CPU, Frida), Experienced in building RESTful APIs using Django REST Framework (DRF), Familiar with Git and version control systems, Knowledgeable in testing and debugging.