Nikas Ghimire

Undergraduate Computer Science Student

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Technical Skills

Programming Languages Python, JavaScript (NodeJS), PHP, C

Web Technologies/Frameworks HTML, CSS, React, Next, Express, Flask, XAMPP

Databases MySQL, PocketBase

APIs OpenAI, Gemini, PipeDrive

Key Projects

High School Transcript Generator

2023

Developed using XAMPP

- A web application that records and manages student grades for grades 9 through 12.
- Implemented functionality for manual data entry and CSV file uploads to streamline data input.
- Designed a feature to automatically generate academic transcripts in PDF format for individual students and batch requests, enhancing record-keeping efficiency.

LinkedIn Roaster 2024

Developed using the Next.js framework and Gemini API, deployed on Digital Ocean, a web application that enhanced LinkedIn profiles through humorous feedback (currently taken down).

- Implemented an API workflow where the application took a LinkedIn username, sent a request to a Node server, and processed user details via a Python package.
- Utilized the Gemini API to generate personalized roast responses based on retrieved user information, returning the output to the frontend for user engagement.
- Gained experience with server-side Ubuntu during the deployment on Digital Ocean, enhancing my cloud hosting
 skills
- · Achieved 14 votes on Product Hunt, demonstrating community interest and engagement with the project.

School Website for Pinnacle Scholars' Academy

2023

- Comprehensive school website featuring student blogs, educational content from teachers, and an admin/student/teacher ranking system.
- Implemented user authentication and role management.
- Included functionalities such as a blog platform, library, job recruitment, and document requests.

Fisherman: A tool created to raise awareness against phishing

2024

Developed using Express and EJS

- A tool to automate phishing simulations for a demonstration aimed at raising awareness about phishing attacks.
- Held campaigns to make netizens aware regarding the potential attacks they might face.

Work Experience

KrispCall, Founder Associate Intern: Automation along with RND

Ended 2024

- Learned Python automation, Pipedrive, and MAKE automation.
- Gained experience in HR management, lead generation, and marketing.
- Developed an understanding of corporate office operations.
- Position ended due to age policy; offered a volunteer role but chose to pursue other opportunities.

Freelance Software and Web Developer

2021-2024

• I've crafted solutions for clients for years, building my own brand while enhancing my skills through collaboration

Education

University of South Dakota, Vermillion

Current

Pursuing Bachelor's in Computer and Information Sciences

St. Xavier's College, Nepal

2023 Graduate