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**
High School Diploma with a focus on Physics, Chemistry, Mathematics, and Computer Science