Prajwal Basnet

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Work Experience

Researcher & Editor
Global Victoria Intellectual Program   [JAN 2023 - FEB]

- Assisted Victorian Exporter to export their business to United Kingdom and USA.
- Assisted businesses with exporting their products by providing research, analysis, and market insights to inform strategic decision-making.
- Contributed to the development and implementation of new initiatives and programs to support business growth and export success.

House Leader/ Support worker
Elves Care   [Nov 2022 – Present]

- Provided compassionate personal care and support to clients, promoting independence and dignity.
- Coordinated care by effectively communicating with clients, families, and healthcare professionals while monitoring clients' health and documenting changes.
- Ensured a clean and safe living environment for clients, adhering to infection control and safety protocols, and assisted them with activities of daily living.

Founder
Elderly Tech Support   [September 2023 – Present]

- Provided person-centered care and support to individuals with disabilities, recognizing and accommodating diverse learning capacities.
- Created a digital support website for elderly and individuals with disabilities, enabling them to achieve digital independence.
- Advocated the Ciecro view of not retiring early, emphasizing the belief that one should only leave their post at the command of a higher purpose - that is himself.
- Promoted daily learning as a means of personal growth, facilitating access to technology and knowledge.

Sponsored Personal Care Assistant
Tender Loving Aged Care   [July 2023 – Present]

- Administering medication and monitoring medical conditions.
- Providing social support, such as taking clients to appointments or accompanying clients on outings to cafes or shops.
- Maintaining reports and providing updates to other medical professionals.

Projects

PORTFOLIO WEBSITE [HTML, CSS, JS]   https://basnetprajwal.com.np

- Designed and developed a responsive portfolio website from scratch, utilizing HTML, CSS, and plain JavaScript, showcasing proficiency in web development and design.

- Built a custom blog section and subscription tool, showcasing the ability to solve complex problems and create bespoke solutions that enhance user engagement and experience.

- Developed a visually appealing and user-friendly portfolio website, prioritizing intuitive navigation and modern design principles to optimize user experience and engagement.

NIXA [Python]   https://github.com/prajwal-basnet1/NiXa
Nepal Stock Market Cli Tool

- Developed a stock market tool based command-line interface (CLI) using Python to track and analyze real-time stock market data.

- Improved the tool's performance by optimizing web scraping techniques and implementing caching for faster data retrieval.

- Received positive feedback from users on the tool's ease of use and effectiveness in tracking and analyzing stock market data.

ELDERLY TECH SUPPORT [HTML, CSS, JS]   https://elderlytechsupport.com.au

- Assisted many people to achieve digital independence.
- Developed a visually appealing and user-friendly and oversaw "Elderly Tech Support" platform, providing essential tech guidance and support for elderly users and person with disability.
- Collaborated with a team of volunteers to expand the website's reach and assist seniors in overcoming technology-related challenges.

SYS-ADMIN [Bash Script]   https://github.com/prajwal-basnet1/Sys-Admin
System Administrator Tool

Developed a command-line interface (CLI) based system administrator tool using bash script to automate and streamline administrative tasks for IT professionals and system administrators.

- Improved the tool's performance by optimizing code execution and minimizing resource consumption.

- Enhanced the tool's functionality by integrating additional features such as pinging all active host on network, Compression, Decompression etc.

Private Cluster [DevOps]   https://imgur.com/v8XJTR0
My Custom Computer

Built a custom computer using 5 broken computers and 1 TV setup box with an ARM device, showcasing hardware proficiency and problem-solving skills.

- Utilized Ansible to manage the configuration and orchestration of the custom computer setup, leading to a streamlined process and decreased setup time.
- Demonstrated strong technical skills in both hardware and software, resulting in the successful completion of a complex project that required knowledge of multiple disciplines.

Router Hash Decryption [Python]
https://github.com/prajwal-basnet1/projects/
Huawei Router Hash Decryption

- Decrypted the Huawei router hash algorithm using cryptography skills, demonstrating a deep understanding of encryption and security protocols.

- Developed a custom code that successfully brute forces the Huawei router, highlighting the ability to apply cryptographic concepts in real-world scenarios.

- Demonstrated persistence and problem-solving skills in overcoming the challenge of cracking the Huawei router hash algorithm, showcasing the ability to tackle complex problems with a creative approach.

Skills

Programming Languages: Python, Bash Script, Java, JavaScript, C#, Nodejs

Operating System: Debian & Arch Linux, Windows

Web: Html, CSS, React, Figma, WordPress, shopify

Languages: English(Fluent), Nepali(Native), Hindi(Fluent)

Other Skills: Writing, Art & Design, Business Research, Leadership, negotiation, Interpersonal, Collaboration, Networking, Git, Docker, Vim.

Academic Achievement

Victoria University
Bachelor of Information Technology

Melbourne, Australia
October 2022 – Present