BIPIN ARYAL

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SUMMARY

Computer Science and Information Technology student with a strong sense of responsibility and a structured approach to problem-solving. Eager to gain hands-on experience and contribute to real-world projects while continuously learning and growing in the field of technology.

WORK EXPERIENCE

Self-Initiated / Academic Projects

Location: College of Applied Business and Technology

- Collaborated with a team of peers to develop a web-based **[SBS opcs]**, utilizing **[technologies, e.g., HTML, CSS, JavaScript, PHP , Laravel]** to solve real-world problems.

- Learn and practiced version control with **Git** and **GitHub**, managing code repositories effectively.

EDUCATION

Bachelor of Science in Computer Science and Information Technology (2021 - Present)

College of Applied Business and Technology, Chabahil, Kathmandu

High School (2018 - 2020)
Canvas International College, Basundhara , Kathmandu

TECHNICAL SKILLS

Programming Languages: C, C++, Java, C#

Web Development: HTML, CSS, JavaScript, PHP (Classes, Objects, Validation, Cookies & Sessions, • CRUD with MySQL)

Frameworks: Laravel (CRUD, Authentication, Basic API, Modular Approach, Jobs & Queue, Events & Listeners, Services, Facades, Polymorphism, Laravel Pipeline, CSV Import), Spring Boot (MVC, CRUD, Authentication, OAuth, Payment Integration)

Basic Linux: Fundamental commands, file permissions, system administra2on, package and service management, firewall configuration, and shell scripting.

Version Control: Familiar with version control systems, such as Git.

Software Development: Strong understanding of SDLC and Agile methodologies

PROJECTS

Birth Registration System in Laravel:

Built a streamlined system for **birth registration, authentication, and certificate issuance** using Laravel.

Designed user-friendly interfaces and implemented **role-based access control** for data security.

Automated **digital certificate generation** and optimized database performance with **MySQL**.

Online Bakery Shop using Spring Boot:

Developed an e-commerce pla]orm for an online bakery using Spring Boot, providing users with a seamless browsing and purchasing experience.