NABIN

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SUMMARY

Dynamic and resourceful computer science student with a strong passion for full-stack development. Skilled in creating end-to-end solutions, from crafting responsive front-end interfaces to building robust backend systems. Proficient in leveraging modern technologies like Next.js, React, Node.js, and WebSockets to deliver seamless, real-time applications. Eager to bring a holistic understanding of full-stack development to an innovative team, with a commitment to continuous learning and excellence.

EXPERIENCE

Full stack Internship

codynn **February 2024 - August 2024, kathmandu**

· Progressed from backend to full-stack development, mastering the complete lifecycle of web application development.
· Engineered a dynamic school homework management system, a real-time coding battle platform, and an intuitive HRM system, utilizing a modern stack including Next.js, React.js, Node.js, GraphQL, and WebSockets.
· Collaborated with cross-functional teams in an agile environment, driving innovation and delivering user-centric solutions across education, tech, and HR domains.

PROJECTS

HRM

Codynn · hrm.voidnepal.com.np/ · August 2024 - Present

· Developed HRM system using Next.js, React, Express, and MongoDB to streamline employee management, payroll, and HR workflows for organizations.
· Integrated real-time notification capabilities leveraging WebSocket technology, enabling instant communication between HR personnel and employees regarding critical updates and announcements.
· Designed a visually appealing and responsive user interface with Tailwind CSS, providing a seamless user experience for HR managers, department leads, and employees to access and manage HR-related information and tasks.

DevOps Professional - Open-Source Software (OSS) II

College · July 2024 - July 2024

· Set up CI/CD pipelines using Jenkins, GitHub, and Apache Webserver to automate deployments for HTTP, PHP, and Python-based websites.
· Configured Jenkins, Maven, and Tomcat for automated deployment of a Java web application.
· Developed Docker-based CI/CD pipelines, including image creation and container management, integrated with Jenkins.
· Utilized Ansible with Jenkins to automate Docker container deployments, streamlining the build and deployment processes.

Coding battle

Codynn · codynn.com/ · June 2024 - July 2024

· Designed and developed a full-stack web application using React.js, Node.js, Express, TypeScript and Web Socket to facilitate real-time coding battles between individuals or groups.
· Implemented a MongoDB database to securely store user profiles, coding challenges, and battle history, ensuring seamless data management and retrieval.
· Leveraged the MUI component library and Tailwind CSS to create a visually appealing and responsive user interface, enabling participants to easily create rooms, compete in coding challenges, and track their performance.

School homework tracking system

Codynn · March 2024 - March 2024

· Developed a RESTs API using Node.js, Express, WebSocket, and MongoDB to facilitate real-time tracking and reporting of student progress for schools and parents
· Architected the backend systems to securely manage student data, enable seamless communication between schools and families, and power interactive visualization tools for academic performance monitoring
· Delivered a scalable and responsive application that streamlined the student progress tracking process, improving transparency and engagement between educational institutions and households

Wholesale management system

Ananta mobile solution · March 2023 - June 2023

· Developed an Electron-based desktop application with a React.js frontend to streamline wholesale inventory management and order processing for a mobile and accessories retail shop

- Designed and implemented a SQLite database backend to efficiently store and retrieve product data, supplier information, and order history, ensuring data integrity and accessibility
- Delivered a user-friendly interface that enabled shop owners to seamlessly track wholesale stock levels, generate purchase orders, and generate detailed sales reports – improving operational efficiency and data-driven decision making

EDUCATION

Plus 2, Physical Sciences
Reliance international college

Bachelor's degree, Computer Science
College Of Applied Business · 01/2020 – 01/2024

SKILLS

Sql,Mongo DB,Restful apis, Node js, Graph QL, Web Socket, Electron, Docker, Git, Github

Html, CSS, JavaScript, TypeScript, Tailwind, React js, Next js