

John Hang Rai

Kathmandu, Nepal

Professional Summary



- Some experience as a **Full Stack Developer** using robust tools and technologies to develop web applications in an Agile team environment.
- Experience with tools such as: **HTML, CSS, JS, ReactJS (Vite), TailwindCSS, Python, Java and Bootstrap.**
- Experience in various phases of the Software Development Life Cycle (SDLC), following **Test-Driven Development (TDD)** approach.
- Comfortable using IDEs like: **IntelliJ, Eclipse, NetBeans and Visual Studio Code.**
- Experience using version control tools like: **GIT, Github and Gitlab.**
- Sound knowledge of NoSQL databases like: **MongoDB.**
- Experience with relational databases like: **MySQL and, PostgreSQL.**
- Experience designing and implementing **RESTful APIs** for seamless communication between the front-end and back-end.
- Hands-on experience in developing applications using **microservices architecture** for scalability and modularity.
- Well versed in **cross-browser compatibility** and **responsive** design principles for optimal user experience across various devices.
- Knowledge of various frameworks to work with **animation** in web applications such as: **GSAP and Framer Motion.**

Technical Skills

- **Languages:** Python, C, C++, C#, Java, SQL, PHP.
- **Web Technologies:** HTML5, CSS3, JavaScript, ReactJS, NodeJS.
- **Frameworks:** GSAP, Bootstrap, TailwindCSS, NextJS, ExpressJS.
- **RDBMS:** MySQL, PostgreSQL.
- **IDEs:** IntelliJ, Eclipse, NetBeans, Visual Studio Code.
- **Version Controls:** GIT, GitHub, Gitlab.

Contact Info

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Intern / Work Experience

- **INVENTORS ACADEMY:** <https://inventors.edu.np/>
Intern, Java Developer
Jan 2023 - Apr 2023

01

Played an **active role** as a part of an agile team in different phases of **Software Development Life Cycle (SDLC)**.

02

Worked with **Spring** components like: **Spring Beans, Spring Core, Spring Data** with JPA and, **Spring MVC**.

03

Designed and, developed **REST-ful APIs** and **microservices** using tools like: **Spring Boot, Spring MVC** and, **REST**.

04

Created **database objects** like: **Tables, Stored Procedures, Triggers** and performed **CRUD** operations using SQL queries in **PostgreSQL** and, **MySQL**.

05

Used **GIT** to fetch application code from repository and commit changes.

- **DOKO DEVELOPERS:** <https://www.dokodev.com/>
Junior level, ReactJS Trainee
Aug 2023 - Feb 2024

01

Gathering client **requirements** to ensure alignment with their **needs** and **objectives**.

02

Carried out **UI/UX** design of the web applications for both **desktop** and **mobile view** with the help of tool **Figma**.

03

Implementation of the designed **UI/UX** with help of tools such as **ReactJS, CSS, JS, Bootstrap**.

04

Use of **Gitlab** to create branches for **code management** and **commit** changes.

05

Went through multiple **application prototypes** to ensure user **satisfaction**.

• ACADEMIC PROJECTS

I am currently pursuing my **Bachelor's Degree in Computer Application** at **Everest Innovative College(EIC)** in Solteemode, Kathmandu. With my studies i was able to carry out some of my own personal projects such as:

- **Music Scales (MS):** Developed an online platform offering courses for learning various musical instruments such as Guitar, Piano, and Drumset.
- **Heart Disease Prediction with Chatbot (HDPC):** Designed a predictive model for heart disease detection and integrated it with a chatbot for user interaction through text-based conversation.