SANDIP GYAWALI

Kathmandu, Nepal

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Education

Amrit Science Campus   **2023 - 2026 (Expected)**
Bsc.CSIT   *Lainchaur, Kathmandu*

Technical Skills

Languages: Javascript, Typescript, HTML/CSS, SQL
Developer Tools: VS Code, Git
Frameworks: Nextjs, React, ExpressJs
Libraries: ShadcnUI, React Hook Form, TailwindCSS, Tanstack Libraries, SWR, Drizzle ORM
Others: Docker, Linux

Experience

Amadico Nepal   **May 2020 − August 2020**
Frontend Developer   *Samakhushi, Kathmandu*

- Developed a service to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues.
- Incorporated scripts using Python and PowerShell to aggregate XML test results into an organized format and to load the latest build code onto the hardware, so that daily testing can be performed.
- Utilized Jenkins to provide a continuous integration service in order to automate the entire process of loading the latest build code and test files, running the tests, and generating a report of the results once per day.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.

Suga360   **May 2020 − August 2020**
Frontend Developer   *LAS Vegas, Nevada*

- Developed a service to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues.
- Incorporated scripts using Python and PowerShell to aggregate XML test results into an organized format and to load the latest build code onto the hardware, so that daily testing can be performed.
- Utilized Jenkins to provide a continuous integration service in order to automate the entire process of loading the latest build code and test files, running the tests, and generating a report of the results once per day.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.

Sama Threading   **January 2024 − March 2024**
Freelance (FullStack Developer)   *Las Vegas, NV*

- Designed and developed a dynamic landing page using Next.JS and Tailwind CSS, ExpressJS and Postgresql to showcase services and attract new clients.
- Built a simple appointment booking system with Express.js and PostgreSQL, allowing customers to book sessions online.

- Integrated backend APIs for smooth client-server communication and real-time appointment updates.
- Deployed the project ensuring responsive design, cross-browser compatibility, and optimized SEO performance.

Projects

Personal Portfolio | *NextJs, ExpressJS, Swagger, Postgresql, Drizzle ORM*   **January 2021**

- Statically exported.
- Implemented Selenium to create an instance of Chrome in order to interact with the correct elements of the web page.
- Created a Linux virtual machine to run on Google Cloud so that the program is able to run everyday from the cloud.
- Used Cron to schedule the program to execute automatically at 11 AM every morning so a reservation is made for me.

Leadership / Extracurricular

Hult Prize   2024
Participant   *Amrit Science Campus*

- Competed in the campus round of the Hult Prize, working on innovative solutions to a global social issue.
- Collaborated with a team of 4 to develop a sustainable business idea aligned with the annual Hult Prize theme.
- Strengthened skills in team work, problem-solving, and pitching ideas under time constraints.
- Gained exposure to global issues and strategies for impactful change through entrepreneurship.

Datathon   2024
Participant   *Institute of Crisis Management Studies (ICMS)*

- Participated in a campus Datathon, collaborating with peers to brainstorm and present innovative tech solutions.
- Received mentorship from senior developers specializing in web and mobile application development.
- Strengthened skills in teamwork, idea pitching, and rapid problem-solving under a competitive environment.
- Awarded a participation certificate and gifted Programiz Premium subscription for active involvement.