

SAMNAN SIDDIQUE

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Skills

- Java | JavaScript | TypeScript | C++ | Python | MySQL | Sanity | Node.js | Express.js | React.js | Redux | jQuery | MongoDB | Git
- Docker | Firebase | Kubernetes | Frontend | Backend | Full-Stack | English, Hindi, Nepali – *All professional proficiency or above*

Experience

Full-Stack Developer

SHIVAM GROUP

Kathmandu, Nepal

May 2022 – Feb 2023

- Designed and maintained company's portfolio website. <https://shivamgroup.com.np/>
- Implemented UI/UX changes throughout to make it more SEO friendly.
- Designed Webapp with API integration and authentication which allowed user-data to be accessed using a web-app on local network.
- Migrated employee data from SQL to Firebase and created an API to auto-backup the JSON to local-server every two weeks.

Projects

- **CODEQUERYAI:** Backend developed using **ExpressJs**. Backend server hosted on **ONRENDER**
AI model used: **Code-cushman-002** from OpenAI which has max requests of upto **4,000 tokens**
Source code to project available on <https://github.com/x0samnan/CodeQueryAI>
To test the working of project, click [here](#) to redirect to deployment (Deployed using **Vercel**)
- **WEATHER FORECAST :** Forecast can be fetched according to location. Can fetch data of over **200,000 cities**
Can fetch and display data like temperature, wind speed, humidity, sunrise, sunset etc
Source code to project available on <https://github.com/x0samnan/WeatherAppReact>
To test the working of project, click [here](#) to redirect to deployment (Deployed using **Vercel**)
- **WEATHER BOT TWITTER :** Fetches weather using **Open-Weather API**
Module used to connect to Twitter API → **Tweepy**
Source code to project available on <https://github.com/x0samnan/TwitterWeatherBot/>
To check the results, tweeted by bot, visit https://twitter.com/Just_AnotherBot
- **PORTFOLIO WEBSITE:** Backend developed using **Sanity**.
Used animation library like **Framer-Motion** for smooth **UI/UX**
Source code to project available on <https://github.com/x0samnan/Portfolio>

Certifications

JPMORGAN CHASE Engineering Virtual Experience Program on Forage – Feb 2023

- Learnt software engineering work ethics like commenting on code to let people know about changes etc.
- Used Perspective data visualization software and Python to monitor stock price trends.
- Certification at: <https://x0samnan-jpmc.vercel.app/>

GOLDMAN SACHS Engineering Virtual Experience Program on Forage – Feb 2023

- Analyzed the leaked password database against multiple hashing algorithms.(Was found to be MD5 Raw Hash)
- Found out the flaws in encryption methods suggested strong measures to prevent possible cracking in case of another data breach.
- Certification at: <https://x0samnan-goldmansachs.vercel.app/>

Education

Bachelor of Technology

Presidency University

Bangalore, KN, India

09/2021 - 10/2025

- Major in Computer Science and Engineering
- Minor in Cyber-Security