

Samir Ansari

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EDUCATION

Fisk University

Nashville, TN

Bachelor of Science in Computer Science

Expected: May 2026

Relevant Courses: Advanced Front-end Development, Intro to Computer Science I, Calculus I & II

Technical Skills: Python (OOP), JavaScript (ES6+), HTML5/CSS/SASS (Flexbox, CSS Grid), Node.js

Frameworks & Libraries: React, Redux, Flask, Numpy, Tailwind CSS

Developer Tools & Platforms: Linux, Git, NPM/Yarn, MongoDB, Figma

RELEVANT EXPERIENCE

Front-end Developer, Summer Intern

April 2022 – Aug 2022

Everestwalk Groups

Kathmandu, NP

- Expanded a model with an auto-suggestion feature that provides consumers with feedback such as recommending doctors, yoga sessions, and meditation routines for different behavioural health areas
- Collaborated with an 8-member team to contribute **60%** of code in API by performing unit/integration, developing landing page & admin portal which saved 4 days of management team to prepare for the pitching of the MWell Platform
- Redesigned visual aspects of the web app and admin portal using **Tailwind CSS** and **MIUI** Modularized codes and fixed bugs resulting in system performance and scalability improvements
- Contributed **20%** of the programming content, performed unit-testing, and wrote documentation for the future scaling of the MWell platform.

Web Developer, Volunteer Lead

July 2020 – Aug 2022

Astronomy Enthusiasts in Nepal

Kathmandu, NP

- Worked with board members to lead a team growth from **5 to 25 in 4 months** by hiring, supervising, training members about computer science & programming concepts, dry/clean coding, and Git/GitHub
- Standardized all output with a new, responsive, mobile-first approach by optimizing images, code, and cross-browser compatibility, increasing user traffic significantly. Contributed to **80%** of the deployment code
- Organized and led weekly zoom-meetings with board members to discuss issues raised and improve user experience

PROJECTS

Crwn Clothing | *React, Redux, Redux Saga, Firebase*

- A fully functional online clothing store built with React. Used Redux, and Redux Saga for state management
- Implemented database & user authentication with firebase
- Used **Stripe API** to implement a secured & fully functional payment portal

Mooon Light | *TypeScript, Python*

- Contributed an open-source platform (packagecontrol.io) by developing and extension for sublime Text 3/4, which gained **2K+** downloads

Sudoku Solver | *Python, Backtracking, Pygame*

- Implemented **backtracking algorithm** and **recursion** to solve any complex sudoku puzzle
- Built an interactive GUI application for visualizing the solving process

Blackjack | *Pygame, Pygame*

- Created a text version of blackjack in Python where a user can play against an automated dealer. Wrote thorough unit tests and integration tests to verify the correctness of the behavior
- Built a GUI version of the game using pygame (preview source code)

OTHER INTERESTS

Volunteering: (BHUMI-IND) – Tutored math & English to underprivileged kids, participated in tree plantation, ran community clean up, restored neighborhood parks

Tutoring: (British Model College) – Tutored junior students, helped with study tips and exam strategies, and conducted mock tests

Working out: Weight Lifting