

# Samir Ansari

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## Education

### Fisk University

Nashville, TN

Bachelor of Science: Computer Science

Expected Graduation: Dec 2025

Courses: Intro to Computer Science (Python), Intro. to Computer Science II (Java), Advanced Front-end Development, Cybersecurity, Data Science for Social Justice

## Technical Skills

Programming languages: Python (Flask, Numpy), JavaScript, HTML, CSS, SASS

Technologies: Node.js, React (Redux), Tailwind, Git, MongoDB, Figma

## Experience

### Astronomy Enthusiasts in Nepal - Web Developer

Kathmandu, Nepal | Jul 2021 - Aug 2022

- ❖ Standardized website with a new, **responsive**, mobile-first approach by optimizing images, code, and **cross-browser compatibility**, increasing user traffic significantly
- ❖ Worked with board members to lead a team growth from **5 to 15 in 6 months** by supervising, and training members about computer science & programming concepts, dry/clean coding, and Git/GitHub
- ❖ Organized and led weekly zoom-meetings with board members to discuss issues raised and improve user experience

### Everestwalk Groups - Front-end Engineering Intern

Kathmandu, Nepal | Apr 2022 - Jul 2022

- ❖ Expanded a model with an **auto-suggestion feature** that provides consumers with feedback such as recommending doctors, yoga sessions, and meditation routines for different behavioral health areas
- ❖ Developed landing page, and admin portal and wrote unit and integration tests for **REST API** before the deadline which saved **3 days** for the management team to prepare for the pitching of the [MWell Platform](#)
- ❖ Redesigned and improved the cloud application, admin portal, and user interface, resulting in an increase in performance and scalability.

## Projects

### Crwn Clothing | React, Redux, Redux Saga, Firebase (Firestore, Authentication), Stripe API

- ❖ Designed and developed a **full stack** functional online clothing store where users can add and remove products from the shopping cart, and access saved products in the cart from the previous session with a proper authentication process
- ❖ Implemented **database & user authentication** with **firebase**
- ❖ Used **Stripe API** to implement a secured & fully functional payment portal

### Moon Light | TypeScript, Python

- ❖ Developed a dark and vibrant theme for Sublime Text 3/4 for an open-source platform (packagecontrol.io), gained **2000+** downloads ([preview](#))

### Sudoku Solver | Python, Backtracking, Pygame

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

## Extracurricular Activities

**BHUMI-IND** – Tutored math & English to **23** underprivileged kids, participated in tree plantation, ran community clean up, restored neighborhood parks

**British Model College** – Tutored **8** junior students, helped with study tips and exam strategies, and conducted mock tests for the subjects Mathematics, Physics, Chemistry, and Computer Science