

# SAMAR ABBAS

AMU Campus, Aligarh, Uttar Pradesh

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## Education

Aligarh Muslim University

Bachelor of Technology in Computer Engineering

Sep. 2022 – present

Aligarh, UP

## Relevant Coursework

- Data Structure
- Software Engineering
- Operating System
- Object Oriented Prog...

## Experience

Online Tailoring Application (Progressive Web Application)

Oct 2024 – Jan 2025

Software Development Intern

remote

- **PWA Development:** Contributed to the development of a Progressive Web Application using the MERN stack, ensuring responsiveness and seamless cross-platform functionality.
- **Data Analytics Module:** Developed a tracking system to monitor user interactions (e.g., clicks on categories or gender filters) and visualized insights using graphical formats.
- **Product Management:** Controlled the product page with dynamic rendering of products based on gender, category, and subcategory filters.
- **API Development:** Designed and implemented RESTful APIs for product management, enabling dynamic addition and categorization of products.
- **Dynamic Frontend Integration:** Built a dynamic interface using React.js, enabling admins to add categories and update the application in real time through backend integration.

Android OS Testing Software (The Amulate Program)

June 2024 – Sept 2024

Software Developer Intern

remote

- Selected among the top 2 students from college to develop a software solution for testing Android OS-enabled applications.
- Automated mobile operations testing via a single PC using ADB and AdbKit.
- Managed test data with DBMS, generated reports in MS Excel, and enhanced UI with web development.
- Mentored by Leonardo Davinci Darwin, DFT Engineer at Arnhem, Gelderland, Netherlands.
- **Tech Stack:** Android Debug Bridge, AdbKit, Git, DBMS, MS Excel, Web Development.

## Projects

Campus Bazaar | Javascript, clouinary, mongodb, ejs, css

February 2024

- Developed an online platform designed for students to rent, buy, and sell items within their campus community, fostering a collaborative and sustainable environment.

Online Learning Platform | Reactjs, express, mongodb, tailwindcss, xlsx

December 2024

- Teachers can create courses, upload materials (video lectures and notes), and design quizzes.
- View a list of enrolled students, track their performance, and export student data in XLSX format.
- Students can enroll in courses, access materials, attempt quizzes, and track their performance via graphical insights on a personalized dashboard.
- Manage enrolled courses from the dashboard.

CareSync - Health Management Tool (Hackathon Project) | Express, mongodb, nodejs, ejs, css

March 2024

- **Disease Detection:** Implemented a disease detection feature to analyze and diagnose symptoms.
- **Location Services:** Integrated location-based services to help users find the nearest doctors, hospitals, and pharmacies.
- **User Interface:** Designed a responsive and user-friendly interface using EJS Templating Engine and CSS.

## Technical Skills

**Programming Languages:** C++ , C , Java , JavaScript

**Frontend :** ReactJs, Javascript, NextJs, Tailwind Css , EJS templating Engine

**Backend:** Nodejs, ExpressJs, NextJs, GraphQL, MongoDB, MySQL, Redis

**App:** React Native, Progressive Web App (PWA)

**Others:** Git , GitHub , Docker , Postman , Android Debug Bridge Tools