

SYEDA HAJRA

Full Stack Developer

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SUMMARY

I am a Final-year **BS Computer Science** student at **FAST NUCES** with hands-on experience in **full stack development, API integration, and UI design**. Proficient in **React, Next.js**, and **Flask** with strong command over **RESTful API development** and **database management** using **Prisma** and **PostgreSQL**. Skilled at building responsive, accessible web apps with clean code, scalable backends, and intuitive UX.

EXPERIENCE



Web Developer Intern

Lambda Theta

06/2023 - Present

Revamped EAXEE with a modern React frontend and Java backend APIs using DAO/Impl.

- Built a **modular React UI** with **floating widgets** and **tree-structured navigation**, improving **responsiveness** and **maintainability**.
- Integrated **Apache ECharts** for dynamic, real-time data visualizations.
- Designed **custom database tables** and developed **Java backend APIs** using **DAO/Impl structure**, to support enterprise features.
- Ensured seamless **full stack integration**, optimized **API design** and **data flow**, and collaborated with senior developers to maintain **scalable, reusable code**.

PROJECTS

Crowd Scan – Face Recognition System

09/2024 - 05/2025

FYP, FAST NUCES

- Built a **Next.js frontend** for a law enforcement facial recognition system with **drag-and-drop image upload**, batch processing, and crowd face matching.
- Developed a **modern dashboard UI** using **ShadCN/UI**, featuring detailed algorithm results including **matching scores, occlusion detection, and pass/fail indicators** for clear user feedback.
- Integrated frontend with **DeepFace-powered Python** backend via REST APIs, ensuring smooth data flow.

Sentiment Analysis Web App

01/2024 - 02/2024

Web application to analyze user moods

- Built a mood journaling app in **Next.js**, using **OpenAI NLP** for entry analysis and **Prisma** for database handling.
- Included charts, calendar view, and AI-based recommendations. Deployed on **Azure**.

Academic Statement Generator

06/2023 - 07/2023

Web app for generating academic statements

- Created a responsive web app using **Flask, HTML/CSS**, and **Bootstrap** to generate academic statements via **OpenAI API**.
- Handled both frontend and backend.

EDUCATION



BS Computer Science

FAST-NUCES

09/2021 - 06/2025

Karachi

- Dean's List in 5 semesters

CGPA

3.59 / 4.0

SKILLS

Programming Languages

C/C++

Java

JavaScript / Typescript

Python

Frontend

React.js

Next.js

HTML5

CSS3

Tailwind CSS

Material UI

ShadCN

Backend & API

Flask

Prisma (ORM)

PostgreSQL

Postman

REST API

Node.js

Express

Other Tools

Git

OpenAI / ChatGPT API

OpenCV

Figma

Vercel

Azure App Service

Certifications

Backend Web Dev Bootcamp (DevTown & GDSC KIIT - 2024)

Google Cybersecurity Professional Certificate

Soft Skills

Adaptability

Team Collaboration

Problem Solving

Critical Thinking

