

Muhammad Asad Ullah

+92 331 6333654 | asadullahsahu321@gmail.com | github.com/asad-ullah321 | www.linkedin.com/asad-ullah | asad-ullah321.github.io

Professional Summary

CS grad with 1-year MERN experience. Academic standout: silver medal, Dean's List honors, scholarships. Passionate knowledge-sharer (Git, MERN workshops, coding events, winning challenges). Explore cutting-edge tech (Generative AI, LLMs). Thrive in collaboration. Seeking dynamic role to continuously evolve and contribute.

Education

FAST National University of Computer & Emerging Science, B.S Computer Science 2020 – Ongoing
GPA: 3.6
Relevant Coursework: Data Structures and Algorithm, Operating System, Software Design and Analysis, Database Systems, Web Programming, Artificial Intelligence, Machine Learning.

Experience

AuctusPlus Resource Management **Remote**
Contract Based Freelancer Oct, 2023 - Ongoing

- Developing a human resource management system for dynamic employee scheduling.
- Developed backend API for modules like Shift Management, Shift Scheduling, Employee Management, Generation of Reports and Payroll Management
- Spearheaded design decision-making within the team, influencing improvements in product performance and contributing to a more streamlined and effective overall development process.

FCAP (FAST-NUCES) **Pakistan**
Lead Technical Head Sep, 2022 - May 2023

- Led as the Tech Head in the university's computer society, FCAP, organizing and facilitating workshops while actively participating in coding initiatives.
- Organized and conducted coding training programs for society members, spanning a 2-months duration, contributing to skill development and fostering a collaborative learning environment.

MICROSLUSH **Lahore, Pakistan**
Summer Intern Jul, 2022 - Sep, 2022

- Acquired Proficiency in ReactJS, NodeJS, Redux, and ExpressJS through hands-on learning during 3 months internship
- Developed record management website for a school of 1000 students, tailored to the client need.

FAST-NUCES **Pakistan**
Teacher Assistant Jan, 2022 - May, 2022

- Assisted Dr Muhammad Usama with the “Computer Organization and Assembly Language” course.
- Assisted in creating a supportive learning environment by encouraging student engagement and participation.

Projects

Echo-AI (Lead Developer) **NEXT, Node, PSQL, Llama-CPP**
Developed a Gen-AI powered Social Media Content Generation and Publishing App to address the challenges of manual content creation and sharing in today’s digital world by fine-tuning open-source LLMS for specific content generation.

Community Education System (Lead Developer) **React, Node, Express, Mongo, Redux**
Developed a comprehensive management software for a community school, facilitating the transition from manual record-keeping to a streamlined digital solution capable of managing records for up to 2000 students.

DocAdvisor (Academic Project) **React, Node, Express, MySQL**
Developed a robust web-based application to automate the process of appointment booking, benefiting both patients and doctors

Skills

Generative-AI (Llama, Python, Llama-CPP, Fine Tuning), **Web Development** (Mongodb, Node, Express, React, Next, SQL, MySQL, PostgreSQL, Sequelize, TypeScript, Redux, MVC Architecture, EJS, AJAX, Firebase, Fast API, Scraping), **Git, Notion.**

Awards & Honor

FAST NUCES	Silver Medal for Fall 2021	2021
FAST NUCES	4 Dean’s List (Fall-2020, Fall 2021, Spring 2022, Fall 2022)	2020-2022
AKU-EB	Distinction Award for Computer Science	2018

Hobbies and Interests

- Technology/Hardware Advancement
- History
- Current Affairs
- Gaming