Muhammad Asad Ullah

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

Professional Summary

- 6 months of industrial experience in Full Stack Web Development
- Focused on developing robust and performance-oriented Web Applications for the users

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.

MICROSLUSH   **Lahore, Pakistan**
Summer Intern   Jul, 2022 - Sep, 2022
- Acquired Proficiency in ReactJS, NodeJS, Redux, and ExpressJS though hands-on learning during 3 months internship
- Developed record management website for a school of 1000 students, tailored to the client need.

Leadership Experience

FAST-NUCES   **Pakistan**
Teacher Assistant   Sep, 2022 -Dec, 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.

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

Projects

Echo-AI   **NEXT, Node, PSQL, Llama-CPP**
Lead Developer   Sep, 2023 - Ongoing
- Developed an AI-Powered Social Media Content Generation and Publishing App to address the challenges of manual content creation and sharing in today's digital world.
- Incorporated user preferences and personal liking of content creators to deliver highly personalized content that aligns with their brand identity.
- Ensured automation in various aspects of the app, streamlining content creation, scheduling, and publishing processes.

Community Education System   **React, Node, Express Mongo, Redux**
Lead Developer   Jul, 2022 - Sep, 2022
- 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.
- Employed cutting-edge technologies such as React.js, Node.js, Express.js, MongoDB, and Redux to build a highly robust and scalable application.
- Implemented Redux for state management, ensuring consistent data flow and efficient handling of application states.

Skills

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

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.

Honor & Awards

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