Muhammad Arham

SOFTWARE ENGINEER

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ACHIEVEMENTS

- @iCodeGuru: Voluntarily teaching Python and DSA (LeetCode).[Videos Playlist]
- Solved 150+ Data Structures and Algorithms problems on LeetCode.[Github link]
- Participated in multiple AI International Hackathons with a global team of six @lablab.ai.
- International Hackathon(Unhallucinate Challange) Winner @lablab.ai.
- Participated in a national hackathon @SMIT, developed the "Doctor Medical Clinic." Web app.
- CS50x PuzzleDay Winner @Harvard

TECHNICAL SKILLS

Programming: Data Structures and Algorithms, JavaScript (ES6+), Java, C++, Python, PHP
Frontend: HTML5, CSS3, SCSS, Chakra-UI, Ant-Design, Bootstrap-5, React-JS, ContextAPI, Redux , Material UI
Backend: Node-JS, Express-JS, Firebase
Version Control: Git, Github
APIs: Rest-APIs
Databases: MongoDB, Firestore, MySql

EDUCATION

Superior Group of Colleges, Faisalabad   Sep'21 - Jun'23
Marks: 662 / 1100
- F.S.C Pre.Engineering

HACKATHONS AND COMPETITIONS

Speak Journey | *HTML, CSS, Bootstrap5, Javascript, Next-Js,Next-Auth, Mixtral 8x7B Api* | [Github link]
- AI Language Learn Game For learning language with portuguese to English.[LinkedIn link]
- Worked alongside six colleagues from Portugal, France, and Pakistan on the Speak Journey Project Prototype in Mixtral 8x7B: 24 Hours Challenge Summary. [lablab.ai submission link]
- Senior dev: Frontend Design, And Integrate Backend Api's.

Efa (event feedback Assistant) | *HTML, CSS, Bootstrap5, Next-Js, Open AI Model GPT-3.5 Turbo, python, Flask* | [Github link]
- AI-Powered Web-Based OCR Solution for Digitizing and Analyzing Handwritten Information.[LinkedIn link]
- The efa Project involved a team of six individuals from france,Poland,pakistan and Nigeria.The [lablab.ai submission link]
- Senior dev: Frontend Design, And Integrate Backend Api's.

Nutrition-Chatbot | *HTML, CSS, Bootstrap5, Javascript, React, Open AI Model GPT-3.5, Vectara , python, Flask* | [Github link]
- Despite growing awareness of the importance of nutrition in overall health and well-being, many individuals struggle to access personalized and accurate dietary guidance[LinkedIn link]
- The Nutrition-Chatbot Project involved a team of six individuals from Yemen and Pakistan.The [lablab.ai submission link]
- Frontend dev: Frontend Design and colaborate with other team members

Equa-care | *HTML, CSS, Bootstrap5, Javascript, React, Open AI Model GPT-3.5, Vectara , python, Flask* | [Github link]
- EquaCare is a digital health assistant designed to increase positive health outcomes among neurodivergent patients by helping them navigate the complicated healthcare system with ease[LinkedIn link]
- The Equa-Care Project involved a team of six individuals from United States, Lebanon, South Africa and Pakistan.The [lablab.ai submission link]
- Frontend dev: Frontend Design and worked in integeration part.

Personal Projects

Full Stack WEB APP | *HTML, CSS, Bootstrap5, Javascript, React, Graph JS, Firebase, Firestore* | [Github link]
- Developed a Student Management System web application.
- Used React for the front end and Firebase for the backend.
- Enabled basic CRUD operations on student records.
- Implemented real-time data updates using Firebase. [Live link]

Full Stack Doctor Appointment WEB APP | *Javascript, Redux, ContextAPI, NodeJS, ExpressJS, MongoDB* | [Github link]
- Developed a full-stack web application allowing users to search for doctors and set appointments.
- Created a responsive user interface with React JS, providing a seamless experience across all devices.

Volunteer Experience

Trainer and Moderator   Feb'23 – Present
iCodeGuru (Remote)   *San Francisco, California*
- Offering volunteer teaching in Python and DSA at iCodeGuru, emphasizing LeetCode.[See here]
- Conducting weekly workshops especially to help underprivileged students to learn free of cost.[See here]
- See students' reviews about how I impacted their coding(DSA + LeetCode) journeys : (Student1), (Student2), (Student3) and many more.

Experience

MERN Stack Developer   Mar'24 - Jun'24
PersonaNet by Afterflea (Remote)   *San Francisco, California*
- Developed scalable and robust APIs and efficient backend systems.
- Utilized technologies including NoSQL databases (MongoDB, Firebase), Express.js, Next.js, and Python.
- Contributed to a project aimed at democratizing AI for social media networking.