

# AHMAD SULTAN

## SOFTWARE ENGINEER AND TECH TRAINER

+92 302 051 1167 | ahmadjajja86@gmail.com | [LinkedIn](#) | [GitHub](#) | [Website](#) | [LeetCode](#)

### ACHIEVEMENTS

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- @SMIT: [Trained](#) 500+ students to learn programming, DSA(LeetCode), web and mobile app development, and software engineering skills.
- @iCodeGuru: Volunteering to teach [Python](#), [DSA \(LeetCode\)](#), and [Duolingo](#) English Proficiency to underprivileged.[[Videos Playlist](#)]
- [Solved](#) 250+ Data Structures and Algorithms problems on LeetCode.[[Github link](#)]
- Qualified for the 2023 international coding competitions: “Google Code Jam ( [See here](#) ) and Meta Hacker Cup ( [See here](#) )”.
- [Participated](#) in multiple AI International Hackathons with a global team of six @lablab.ai.
- International Hackathon(Unhallucinate Challenge) [Winner](#) @lablab.ai.
- [Participated](#) in a national hackathon @SMIT, developed the “Social Real Estate System” mobile app.
- 2+ years working experience as a Software Engineer.

### TECHNICAL SKILLS

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

### EDUCATION

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#### The University of Agriculture, Faisalabad

Sep 2020 - Jun 2024

CGPA: 3.16 / 4.00

- Bachelor of Science in Computer Science.

### HACKATHONS AND COMPETITIONS

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#### Eco Factor | *HTML, CSS, Bootstrap5, Javascript, React, Open AI Model GPT-3.5 Turbo, Python, Flask* | [[Github link](#)]

- AI chatbot streamlines sustainable, cost-effective material selection, ESG compliance for manufacturers.[[LinkedIn link](#)]
- Worked alongside six colleagues from Brazil, Latvia, India, and Pakistan on the EcoFactor Project Prototype in LEAP 2024 Hackathon. [[lablab.ai submission link](#)]
- As Senior Full Stack Developer Leader, I led our development team during the project.
- I handled both front-end and backend tasks, integrating the GPT-3.5 model. [[See Team Leader Review](#)]

#### Neue View | *HTML, CSS, Bootstrap5, Javascript, React, Open AI Model GPT-3.5 Turbo, OCR, Trulens, Pinecone, python, Flask* | [[Github link](#)]

- AI-Powered Web-Based OCR Solution for Digitizing and Analyzing Handwritten Information.[[LinkedIn link](#)]
- The [Neue View](#) Project involved a team of six individuals from United States and Pakistan.The [[lablab.ai submission link](#)]
- Senior dev: I managed the whole development project.
- Senior dev: frontend Design, frontend and backend integration focus.

#### AI Podcast Generator | *HTML, CSS, Bootstrap5, Javascript, React, Generative AI, Langchain, python* | [[Github link](#)]

- This project transforms written content into captivating, lifelike podcasts effortlessly using ElevenLabs API-powered speech synthesis.[[LinkedIn link](#)]
- Worked with a team of six individuals from the USA, Chile, France, and Pakistan in an international hackathon, collaborating on the AI Podcaster Generator Project.[[lablab.ai submission link](#)]

#### Full Stack Real Estate Mobile App | *Javascript, ReactNative, Redux, ContextAPI, NodeJS, ExpressJS, MongoDB* | [[Github link](#)]

- Participated in a national hackathon at Saylani Mass IT Training Program in August 2022.
- Project with authentication, dashboard, property management, searching, browsing and call-to-action feature for property transactions, powered by REST APIs using Node JS.

## PERSONAL PROJECTS

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### Full Stack Bank WEB APP | [HTML](#), [CSS](#), [Bootstrap5](#), [Javascript](#), [React](#), [Context API](#), [Firebase](#), [Firestore](#) | [\[Github link\]](#)

- Bank-App is a web application allowing users to manage accounts, perform transactions, and view transaction history conveniently.[\[Live link\]](#)

### Full Stack E-Commerce Mobile App | [Javascript](#), [ReactNative](#), [Redux](#), [ContextAPI](#), [NodeJS](#), [ExpressJS](#), [MongoDB](#) | [\[Github link\]](#)

- E-commerce mobile app with user registration, product catalog, cart, wishlist, checkout, payment, order tracking, and admin dashboard.

## VOLUNTEER EXPERIENCE

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### Trainer and Moderator

Feb 2023 – Present

*iCodeGuru*

*Remote*

- Offers volunteer teaching in Python and DSA at iCodeGuru, emphasizing LeetCode.[\[See here\]](#)
- At the moment, I am offering instruction on the Duolingo English Proficiency Test.[\[See here\]](#)
- Conducting weekly workshops especially to help underprivileged students to learn freely.[\[See here\]](#)
- See students' reviews about how I impacted their coding(DSA + LeetCode) journeys : ([Student1](#)), ([Student2](#)), ([Student3](#)) and many more.

## EXPERIENCE

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### Tech Trainer

Dec 2022 – Present

*Saylani Mass IT Training Program*

*Faisalabad, PK*

- Trained 500+ students to learn programming, DSA(LeetCode), web and mobile app development, and software engineering skills. ( See here how I provide training to students.)
- Programming Languages and Technologies : HTML, CSS (Bootstrap 5), JavaScript (ES6), TypeScript, DSA(LeetCode), React JS (Context API, Router, State Management), Next.js, NodeJS (ExpressJS, Authentication, API Endpoint Handling), NPM, MongoDB, Firebase, and React Native.
- Hosting Platforms: Surge, gh-pages (GitHub Pages), Netlify, Vercel, and Firebase.
- See students' reviews about how I impacted their coding(Development) journeys: ([Student1](#)), ([Student2](#)), ([Student3](#)) and many more.
- Students received training from me via these courses. See Github Repositories:
  - \* [Full Stack Development](#), [Frontend Web Development](#), [Frontend Mobile Development](#)
  - \* [Backend Development](#), [Web Designing Bootcamp B1](#), [Web Designing Bootcamp B2](#)
  - \* [AI Chatbot](#)

### MERN Stack Developer

Sep 2022 - Mar 2023

*ZW Tech*

*Faisalabad, PK*

- Modified React JS front-end for UAE recruitment business website, resembling LinkedIn.
- Developed Node.js-based GraphQL APIs, enhancing data management and integration for Dashboard.
- Led the Designing team and collaborated with product managers, business partners, and engineers to help define product requirements and roadmap .

### MERN Stack Developer

May 2022 - Aug 2022

*Seeraht*

*Faisalabad, PK*

- Developed and maintained MERN web apps at Seeraht, prioritizing quality, scalability, and efficiency.
- Collaborated with cross-functional teams, implementing complex software features using modern development techniques.
- Experience in integrating web applications with third-party APIs and services.