

AHMAD SULTAN

SOFTWARE ENGINEER AND TECH TRAINER

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ACHIEVEMENTS

- [@GitHub](#): Top 29th Pakistani GitHub contributor with 600+ days of coding consistency and numerous achievements.
- [@Stanford University\(Code_in_Place\)](#): Selected as a Section Leader to teach Python to 100+ international students, then promoted to [Section Leader Mentor](#) to provide one-on-one support.
- [@SMIT](#): Trained 1,000+ students in programming, DSA, web/mobile app development, and other tech skills.
- [@iCodeGuru](#): Volunteering to teach and mentor underprivileged students [Python](#), [DSA \(LeetCode\)](#), and [Duolingo English Proficiency](#).[\[Videos Playlist\]](#)
- [@Harvard University\(CS50x_PuzzleDay_Winner\)](#): Our team [won 1st place](#) at CS50x Puzzle Day 2024 by solving 9/9 complex puzzles.
- [@leetcode](#): Solved 300+ Data Structures and Algorithms problems.[\[Github link\]](#)
- [@lablab.ai](#): Participated in multiple AI International Hackathons with a global team of six.
- [@lablab.ai](#): Winner of an International Hackathon(Unhallucinate Challenge).
- [Coding competitions](#): Qualified for : “Google Code Jam 2023([See here](#)) and Meta Hacker Cup 2023([See here](#))”.
- [Working experience](#): 3+ years as a Software Engineer.

TECHNICAL SKILLS

- [Programming Languages](#): C, C++, Dart, Java, Python, JavaScript (ES6+), TypeScript
- [Web Dev](#): HTML5, CSS3, SCSS, SASS, Bootstrap 5, Chakra UI, Ant Design, React JS(Context API, Router, State Management)
- [Mobile Dev](#): React Native
- [Backend](#): Firebase, Node JS, Express JS, Python, Flask, Django
- [AI](#): Generative AI, LLMs, RAG (Vectara)
- [Version Control](#): Git, Github
- [APIs](#): Rest-APIs, GraphQL
- [Databases](#): MongoDB, Firestore

EDUCATION

The University of Agriculture, Faisalabad

Sep 2020 - Jun 2024

CGPA: 3.34 / 4.00

- Bachelor of Science in Computer Science.

HACKATHONS AND COMPETITIONS

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. [\[lablab.ai submission link\]](#)
- [Dev team lead](#): 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, backend design(rest api's creation using python and flask), backend and AI integration.

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.[\[lablab.ai submission link\]](#)
- Frontend dev: I designed the whole frontend and integrated with AI models.

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

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

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

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.