Abrar Ateeq Tabish Khawar

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Education

Ramrao Adik Institute of Technology, D. Y. Patil Deemed to be University

August 2022 - Present Navi Mumbai, India

B. Tech in Computer Engineering Pragnya Junior College

May 2020 - July 2022

12th Grade

Indian International School Taif

Pune, India

10th Grade

April 2020 Taif, KSA

Projects

PaisaFlow - AI-Powered Financial Companion — React, Tailwind CSS, Apparite, OpenRouter API

July 2025

- Implemented a secure user authentication system (sign-up, login, protected routes) using Appwrite authentication APIs and React Context for session management.
- Integrated Appwrite database and built CRUD functionalities for budget and goal tracking, enabling real-time data storage and retrieval.
- Developed the About Us page, Contact Us page, and the entire footer section using responsive UI components to enhance site navigation and user experience.
- Integrated authentication state with dashboard components, enabling conditional rendering of protected pages based on user login status.

AbliHUB - AI-Powered Learning Platform — Python, FastAPI, MongoDB, OpenAI API, React.js

- Designing and developing backend services using FastAPI to serve REST APIs for user management, skill tracking, and AI-powered roadmap generation.
- Integrating OpenAI API to generate personalized learning content and give feedback on uploaded projects.
- Implementing secure JWT authentication and OAuth login for protected routes and persistent sessions.
- Collaborating with React frontend to ensure smooth API integration and real-time dashboard updates.

WatchWise - Watch Better, Watch Wise - React, Tailwind CSS, Chrome Extensions, Gemini API

August 2025

- Built a Chrome extension to automatically extract watch history from Netflix, Amazon Prime, and Hotstar using DOM parsing, reducing manual collection time by 90%.
- Integrated Google Gemini API to deliver 5-10 personalized recommendations per session in under 2 seconds, enhancing viewing experience.
- Designed a responsive React UI with Tailwind CSS and glassmorphism, improving user engagement by 30% while ensuring 100% data privacy with local processing.

DatViz - Data Structures Visualization Tool — HTML, CSS, JavaScript, Algorithms

March 2023

- Developed a web-based tool to visualize core data structures such as stack, queue, and linked list.
- Implemented real-time animations for operations like push, pop, insert, and delete using JavaScript and DOM manipulation.
- Designed an interactive and responsive UI to enhance conceptual understanding for learners.

Technical Skills & Certifications

Languages: Python, Java, JavaScript, SQL

Alteryx: Machine Learning Fundamentals

Frameworks & Libraries: FastAPI, Express.js, React.js,

Alteryx: Designer Core Micro-Credential: Data Manipula-

Next.js, scikit-learn, Pandas, Numpy

Tools: Git, Postman, Pytest

Technologies: REST APIs, Web Scraping, Data Visualiza-

tion, AI, Machine Learning, Full-Stack development

Leadership

CSI-RAIT August 2023 – June 2024

Publicity Co-Head Navi Mumbai, India

- Led event publicity campaigns across digital and on-campus channels, driving 1000+ student registrations and significant
- Collaborated with cross-functional teams to manage content, promotion, and outreach strategies for technical and cultural events.

Extracurricular

IEEE TechSangam Hackathon (Finalist)

August 2025

Medscope AI - AI-Powered Medical Insight Web App

Pune, India

- Developed a full-stack web application using Next.js, TypeScript, and Tailwind CSS to enable users to upload and analyze MRI scans, chest X-rays, and blood test PDFs with AI-driven insights and interactive 2D/3D visualizations.
- Engineered backend APIs with FastAPI and Python for medical image processing, report analysis, and integration with large language models (LLMs) to generate plain-language medical summaries.
- Top 10 among 350+ teams, recognized for innovation in AI-powered healthcare solutions at a national-level hackathon.

Vibe-a-thon (EmpireUI Track)

May 2025

Hackathon Participant — Geek Room X Pathway

Remote

• Built an AI-focused UI component using React designed for integration with OpenAI and Whisper APIs, as part of the EmpireUI open-source track.

• Explored real-time AI UI patterns and submitted a functional prototype with documentation during the hackathon.