Abrar Ateeq Tabish Khawar

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Education

Ramrao Adik Institute of Technology, D. Y. Patil Deemed to be University **August 2022 – Present**
B.Tech in Computer Engineering *Navi Mumbai, India*

Pragnya Junior College **May 2020 – July 2022**
12th Grade *Pune, India*

Indian International School Taif **April 2020**
10th Grade *Taif, KSA*

Projects

PaisaFlow – AI-Powered Financial Companion — *React, Tailwind CSS, Appwrite, 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* **June 2025 – Present**
- **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
Frameworks & Libraries: FastAPI, Flask, Pandas, NumPy, Matplotlib, scikit-learn, React.js, Next.js
Tools: Git, Postman, Pytest
Technologies: REST APIs, Web Scraping, Data Visualization, AI, Machine Learning

Alteryx: Machine Learning Fundamentals
Alteryx: Designer Core Micro-Credential: Data Manipulation

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 engagement.
- 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*
- **Built a full-stack frontend using Next.js** to support upload and AI-based analysis of **MRI scans, chest X-rays, and blood test PDFs**, with interactive visualizations and plain-language insights.
- **Integrated Google OAuth authentication** for secure user login, enabling personalized dashboards and future doctor feedback features.

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.