Nauman Ahmed

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Experience

❖ **Teaching Assistant | Forman Christian College , Lahore** *(Feb '2023 - Apr '2024)*

Designed labs and assessments for courses covering programming fundamentals and C++, while also providing support to students, aiding their comprehension of new programming concepts - **Python , C/C++ , OOP , LangChain**

❖ **Frontend Intern | PopCorn Studio , Lahore** *(Jun '2023 - Apr '2024)*

Collaborated on developing user interfaces and enhancing user experiences for web and mobile applications. Performed unit tests in jest ensuring reliability and functionality of user interfaces - **React Native , Figma , Redux , Jest , RESTful APIs**

❖ **Tutor | Valeem** *(Oct '2023 - Apr '2024)*

Taught subjects including calculus, algebra, and physics, while also instructing on technologies such as **Web development , Python , Django and MIPS programming**

❖ **Trainee Web Developer | Laam Pk , Lahore** *(Feb '2023 - May '2023)*

Actively contributed to projects, assisting in the design, development, and deployment of web applications and thus anticipating the company's online presence - **React.Js , Canva , Figma , Tailwind CSS**

Education

➔ **BS Computer Science** | *Forman Christian College , Lahore*   *(3.7GPA , 2025)*
➔ **Fsc Pre-Engineering** | *Fazaia Inter College , Islamabad*   *(Grade : A , 2021)*
➔ **Matriculation** | *Aligarh Public School , Lahore*   *(Grade : A , 2019)*

Skills

- *React Native Development*
- *Human Computer Interaction*
- *SQL and NoSQL Databases*
- *TCP/IP Protocols*
- *LLMs and LangChain*

Certifications

- *Meta React Native Specialization*
- *SQL (By University of Colorado)*
- *Cisco CCNA training (David Bombal)*
- *GenAI for developers (Andrew Ng)*
- *Embedded Machine Learning (Edge Impulse)*

Activities & Societies

- *Soul Fest Marketing Volunteer*
- *IEEE-FCCU Asst. Dir Marketing*
- *YEP-FCCU Media Team*
- *Akhuwat Volunteer*
- *Red Bull Field Marketing*

Projects

★ **VitalGuard** : AIoT Patient Monitoring with ESP-32 transmitting vital signs to Blink IoT, bolstered by embedded ML for disturbance detection.
★ **TaskTroop** : On-demand services app delivering laundry, car maintenance, and household repairs to users' doorsteps.
★ **Weather App** : Simple one-page app using weather API for real-time updates and forecasts
★ **ChatBuddy** : Mobile app with LangChain JS for chatting with any website.
★ **SDNs in Agriculture** *(Research)* : Securing agricultural data with Software Defined Networking and gateway regulations