SYED NABEEL HUSSAIN

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EDUCATION

Bachelor of Science in Computer Science 08/2024 – 08/2028
Ned University Karachi, Pakistan

A-Levels 06/2022 – 06/2024
Pakistan International School Riyadh, KSA

WORK EXPERIENCE

AI Intern 02/2026 – 05/2026
Cyclone Aumento Hybrid
- Worked on real-world development tasks, contributing to frontend and backend features.
- Completely revamped the company's website to meet modern tech requirements.
- Collaborated with team members to debug issues and enhance application performance.
- Gained hands-on experience in project workflows, version control, and code structuring.

C/C++ Intern 12/2024 – 01/2025
Cognify Online
- Solved C/C++ problems focused on data structures, algorithms, and logic building.
- Wrote optimized, clean code with proper debugging and error handling.
- Applied concepts like pointers, recursion, file handling, and OOP in practical tasks.
- Improved problem-solving speed and accuracy through deadline-driven assignments.

PROJECTS

Who's Watching? | NED GameCon - 1st Place
3D Multiplayer Arena Game | Unity
- Co-developed a multiplayer arena game with gaze-based support/disruption and team objectives.
- Features checkpoint placement, sabotage, procedural character animation, and networked combat.
- Tech Stack: Unity, C#, multiplayer networking, procedural animation
- Play: https://zkestroyer.itch.io/whos-watching

Todoest
Task Management Web App
- Built a full-stack task manager for creating, organizing, and tracking tasks with category-based workflow management.
- Deployed on Gigalixir with GitHub version control.
- Tech Stack: Elixir, Phoenix Framework, PostgreSQL, GitHub, Gigalixir

Digital Calm OS
AI-Powered Productivity Assistant
- Built an AI productivity assistant using the Gemini API to filter and prioritize emails, tasks, and calendar events.
- Reduced digital clutter by surfacing high-priority information.
- Tech Stack: Gemini API, AI, API Testing

VitaSync
AI Virtual Therapist
- Developed an AI-based virtual therapist for real-time, context-aware conversational responses, simulating therapy sessions to improve user engagement.
- Tech Stack: AI APIs, API Integration

CV Generator
Portfolio Project
- Built a web-based CV generator that converts user-provided information into clean, recruiter-friendly CVs.
- Designed a responsive interface with customizable sections and instant CV generation.
- Focused on simplifying CV creation while maintaining professional formatting and readability.

Personal Finance Manager | C++
- Developed a C++ finance manager to track income/expenses, categorize transactions, and generate financial reports.
- Implemented spending alerts and undo functionality using **vectors, hash maps, stacks, and priority queues** for efficient transaction management and analysis.

Shopping Application
C++ / Qt / JSON
- Developed a desktop-based shopping application using **C++ and Qt**, featuring product browsing, cart management, and purchase processing.
- Implemented a **JSON-based data layer** for efficient storage and retrieval of product, user, and order information.

ADDITIONAL

Technical Skills
- **Languages:** Python, JavaScript, Elixir, SQL, HTML, CSS
- **AI & APIs:** Generative AI, Gemini API, AI Integration, REST APIs, API Testing
- **Web Development:** Phoenix Framework, Full-Stack Development, Responsive Web Design
- **Databases:** PostgreSQL, JSON, Database Design
- **Developer Tools:** Git, GitHub, VS Code, Gigalixir
- **Core:** Data Structures & Algorithms, Object-Oriented Programming, Debugging, Problem Solving
- **Game Development:** Unity 3D, C#, multiplayer networking, gameplay systems, 3D character controllers, procedural animation, game UI/HUD

PROFESSIONAL CERTIFICATIONS

Artificial Intelligence Essentials V2 Certified
IBM-Coursera

Web Engineering Professional
NED Academy

LEADERSHIP EXPERIENCE

Social Media Executive - SENTEC, NED Karachi, Pakistan
- Managed social media content, promotions, and digital presence for society events and initiatives.
- Coordinated with teams to create engaging content and increase event visibility.

Coding & Software Lead - NST, NED Karachi, Pakistan
- Established and led the **Competitive Programming domain**, organizing training and team-based activities.
- Led teams in competitions including **IBA ProBattle, FAST ProCom, and NASA Space Apps Challenge 2025**.
- Coordinated participation across universities and mentored students in programming and technical competitions.

Director Marketing - IEEE SB NEDUET Karachi, Pakistan
- Led marketing initiatives, event promotions, and digital outreach to strengthen IEEE's visibility and engagement.