MUHAMMAD HARIS NADEEM

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SUMMARY

Computer Science undergraduate with a strong foundation in core programming concepts, including Object-Oriented Programming, Data Structures Algorithms, Operating Systems, and Database Systems. I enjoy building real-world applications and learning new technologies. Through multiple real-world projects covering finance, crypto, social platforms, and booking systems, I have gained experience in full-stack development and real-time systems. Now seeking an opportunity as an **Associate Software Engineer** to contribute to a professional team and further grow my skills.

EDUCATION

Information Technology University   Lahore, Pakistan
Bachelor of Computer Science   *2021 – 2025*

TECHNICAL SKILLS

Languages: Python, JavaScript, C++, C#, C, HTML/CSS
Frameworks: React.js, Node.js, Express.js
Databases: Supabase, MongoDB, MySQL
Tools: Git, GitHub, REST APIs, WebSockets, Stripe API

PROJECTS

DeFi Strategies │ *React.js, Supabase, WebSockets, Mattermost REST API*   2025
- Developed a full-stack membership platform offering crypto trading strategies, educational resources, and a real-time community chat system.
- Implemented secure user authentication, subscription flow with Stripe integration, and lead capture funnel.
- Integrated Mattermost chat with WebSockets to support dynamic, multi-channel community interactions.
- Designed conversion-optimized onboarding and trust-building UI components to enhance user experience.

Coin-based Social Interaction Platform │ *React.js, Supabase, Stripe API, GPT API*   2025 – Present
- Developed an interactive social platform with coin-based monetization, subscription flow, and real-time chat.
- Implemented IP-based checkout routing and automated recurring subscriptions via Stripe.
- Built chat system combining AI-powered and human-managed profiles, with an admin panel for chat management.
- Designed responsive landing pages with modern UI/UX optimized for user engagement.

Treasury Management System │ *React.js, Node.js, Express.js, MySQL*   2024 – Present
- Developed a centralized Treasury Management System for ITU University to manage taxation, budgeting, expenses, grants, and payroll operations.
- Implemented secure authentication, real-time financial reporting, and modular components for integration across departments.
- Replaced manual spreadsheets with an automated system for internal finance, HR, and procurement operations.

Airbnb Replica │ *React.js, Node.js, Express.js, MongoDB*   2023
- Built a feature-rich booking platform with apartment listings, admin controls, and booking management tools.
- Integrated authentication, location-based dynamic search, and a user-friendly responsive UI.