

# SYED HASSAN HAIDER

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🔗 [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

## OBJECTIVE

Aspiring to grow within a dynamic organization where I can leverage my full-stack software engineering expertise especially in .NET Core, React, and real-time systems to deliver innovative, scalable solutions and drive organizational success.

## ABOUT ME

A passionate Software Engineer with a strong background in full-stack development, specializing in .NET Core, React. Skilled in real-time communications (SignalR), payment integrations (Stripe), and database management (SQL, PostgreSQL). Thrive in Agile environments, delivering optimized and scalable solutions while embracing teamwork and innovation.

## EDUCATION

### NATIONAL UNIVERSITY OF COMPUTER & EMERGING SCIENCES (FAST-NU), PAKISTAN

#### FAST SCHOOL OF COMPUTING, LAHORE

Bachelors of Science in Computer Science | August 2020 - June 2024

Dean's List

#### PUNJAB GROUP OF COLLEGES, LAHORE

Faculty of Science in Pre-Engineering | July 2018 - July 2020

90% marks in Intermediate Education

Above 94% Marks in Primary and Secondary Schooling from Divisional Public School, Model Town.

## EXPERIENCE

### CUREMD - Software Engineer

August 2025 - Present

- Working on full-stack development using .NET Core and React, contributing to both backend APIs and dynamic frontend interfaces.
- Involved in developing scalable web applications and enhancing system performance and maintainability.

### EMERGTECH PRIVATE LIMITED - Software Engineer

June 2024 - July 2025

- Specialized in .NET Core development, including the .NET 8.0 framework, excelling in both web and WinForms-based desktop applications.
- Expertise in building and maintaining RESTful APIs.
- Proficient in front-end technologies including React.
- Strong SQL skills for database management and optimization.
- Experienced with version control and collaborative workflows using GitHub for efficient project management and teamwork.

### CAREGENIX SOLUTIONS - Software Engineer

May 2023 - May 2024

- Worked in .NET development, excelling in meticulous maintenance, user-centric design, and end-to-end development.
- Proficient in SQL, skilled in version control (Git), optimization strategies, and employing a modular approach.

**FREELANCE SOFTWARE ENGINEER - Remote (UK & US Clients)**

**January 2023 - Present**

- **UK Client (The Pound Foundation Website):** Developed a full-stack website using React, Next.js, Tailwind CSS, TypeScript, Python Django, and PostgreSQL. Integrated real-time Stripe payment system and real-time email sending using Gmail via Django backend.
- **US Client (techsol110.com):** Built and maintained a business website using React for frontend and PHP with MySQL for backend.
- Integrated PayPal sandbox environment payments using .NET Core for prototype testing.
- Gained experience with cloud hosting, deployments, and infrastructure management on **Hostinger** and **Heroku**.

**RESEARCH (ACADEMIC) PROJECTS**

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**Warehouse Management System**

- Developed a comprehensive Warehouse Management System using React for the frontend and .NET Core with SQL Server for the backend, optimizing inventory tracking and order management.
- Implemented user-friendly interfaces and efficient RESTful APIs, enhancing operational efficiency and ensuring real-time data synchronization.

**Diamond Paint – Work in Process (WIP) Application**

- Developed the WIP application in .NET WinForms with SQL Server, incorporating robust user access control, production order management, and label printing for goods receive verification.
- Implemented REST APIs for seamless mobile app login, server configuration, and QR code scanning to enhance operational efficiency.
- Optimized production order processes, including Item Label Printing (GRN), RM verification, Picking in RMS via HHT for Kitting, Issuance to Production via HHT, Kitting, Weighing, and Verification for production jobs at vessels via Tablet. Implemented robust user access control to ensure accurate and efficient workflow management.
- Currently deployed and running at Diamond Paint Industries (Pvt) Ltd, Sundar Industrial Estate, Lahore.

**User Access Control**

- Developed a User Access Control desktop application in .NET WinForms with SQL Server, featuring user creation, password management, and role-based permissions.
- Implemented secure authentication and efficient database interactions to enhance user management and application performance.

**ParkEase - Smart Parking System (FYP)**

- Pioneered Smart Parking System with security cameras and computer vision, optimizing real-time occupancy tracking, route planning, and crime detection. Delivered user-friendly solution as a desktop application, enhancing urban parking efficiency.

**Real Estate Website**

- This website connects buyers with sellers and tenants with landlords for highly user- friendly real estate experience. SQL database is used. .NET, JavaScript is used for Website development.

**SKILLS**

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- **Programming Languages:** C#, C++, JavaScript
- **Frameworks:** .NET Core, WinForms, ReactJS, Tailwind CSS, Next.js, EEL, FastAPI
- **Databases:** SQL, PostgreSQL, MySQL
- **Backend & APIs:** RESTful API design, Real-time Email Systems, Real-time Communication (SignalR)
- **Payment Integrations:** Stripe (real-time integration, React), PayPal (sandbox environment, .NET)
- **Cloud & Hosting:** Hostinger, Microsoft Azure VM, Vercel
- **Tools & Technologies:** Git, Jira, RDLC, Crystal Reports
- **Methodologies:** Agile (Scrum), Git-based version control, collaborative workflows

**LANGUAGES**

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**English** - Fluent

**Urdu** - Native

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