# SYED HASSAN HAIDER

**Home**: Plot 671, Block E, Johar Town, Lahore, Punjab, Pakistan

**Contact**: (+92) 307 461 9656

**Email**: syedecommerce5912@gmail.com   **GitHub**: github.com/HassanHaider1212   **LinkedIn**: linkedin.com/in/syed-hassan-haider-ba54a0269

**Portfolio**: syed-hassan-haider-portfolio.vercel.app

## OBJECTIVE

Aspiring to advance in a dynamic and reputable organization where I can leverage my software engineering skills to drive innovation and enhance productivity. I am committed to delivering high-quality solutions with a strategic focus on optimizing processes and contributing to the organization's growth.

## ABOUT ME

I am a highly motivated software engineer with a strong background in developing both desktop and web applications. My expertise lies in ASP.NET Core development, including the latest .NET 8.0 framework, front-end technologies like React and Angular, and robust database management with SQL. With a keen eye for detail and a passion for problem-solving, I thrive in collaborative environments where I can contribute to innovative solutions that drive business success. I am eager to continue growing my skills and contributing to meaningful advancements in the tech industry.

## EDUCATION

**NATIONAL UNIVERSITY OF COMPUTER & EMERGING SCIENCES (FAST-NU), Lahore**          **August 2020 - June 2024**

Bachelor of Computer Science

**PUNJAB GROUP OF COLLEGES, LAHORE**          **July 2018 - July 2020**

Faculty of Science in Pre-Engineering

90% marks in Intermediate Education

## EXPERIENCE

**EMERGTECH PRIVATE LIMITED**

**Software Engineer**          **June 2024 - Present**

- Specialized in ASP.NET Core development, including the latest .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**          **June 2023 - May 2024**

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

**MUSTAAR TECHNOLOGIES PRIVATE LIMITED**

**Associate Web Developer**                                              **September 2022 – January 2023**

- Contributing to website maintenance, creation, and enhancing digital presence.
- Experienced in automating record maintenance using Google App Script for Google Sheets.
- Learned about how to integrate an app with Shopify.

# PROJECTS

**Warehouse Management System**

- Developed a comprehensive Warehouse Management System using React for the frontend and ASP.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 ASP.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 ASP.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. ASP.net, JavaScript is used for Website development.

# SKILLS

- **Programming Languages**: C#, C++, Python, Java, HTML, CSS, JavaScript
- **Frameworks**: ASP.NET Core 8.0, ASP.NET Core MVC, ASP.NET WinForms, Python EEL, Python FastAPI, ReactJS, Vue.js, AngularJS
- **Databases**: SQL, MongoDB, Firebase
- **Reporting**: RDLC, Crystal Reports
- **Tools & Technologies**: GitHub, MySQL, Vercel, Google App Script
- **Project Management**: Agile methodologies, version control, collaborative workflows