

# Hasaan Azeem

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**Summary** — Full Stack Developer skilled in the MERN stack (MongoDB, Express.js, React.js, Node.js) with hands-on experience in building responsive, scalable web applications. Proficient in **REST APIs, authentication, and CRUD operations**, with strong knowledge of frontend optimization, backend services, and database management. Familiar with **Agile/Scrum workflows**, Git based version control, and deployment on **Netlify/Render**, delivering high-performance and maintainable solutions.

## Skills

**Frontend** React, Nextjs, HTML, CSS, JavaScript, Tailwind CSS, Bootstrap  
**Backend** Node.js, Express.js, MongoDB, Firebase

**Programming & Data** Python, ML (Pandas, NumPy), Data Mining, C++  
**Others** Three.js, GSAP, Framer Motion, REST API

## Projects

### Nordvia Exports – Ecommerce [\[Link\]](#)

January - 2026

Full-stack Developer (Client Project)

- Developed and delivered a fully functional e-commerce platform for an international client, featuring responsive design, product catalog, shopping cart, and secure payment integration.
- Built backend systems for inventory and order management, ensuring smooth operation and scalable architecture.
- Implemented analytics and customer feedback mechanisms to optimize user experience and business insights.

### AidBloom – Charity Web App [\[Link\]](#)

March - 2025

Full-stack Developer

- Built a responsive donation management platform using HTML, CSS, JavaScript, and Bootstrap, ensuring compatibility across 100% of tested devices and browsers.
- Developed backend functionality with ASP.NET and MySQL to handle donor registrations, automate payment processing, and securely store records for 1,000+ transactions.
- Developed backend services, including authentication and transaction management (later adapted to **Node.js/Express.js** for scalability)
- Utilized **Git for version control** and collaborated with team members on feature development.

## RESEARCH WORK

### Predictive Modeling of Gallstone Risk

December – 2025

Data Mining Assignment (IT-446) | Supervisor: Mr. Usman Zia

- Co-authored a research paper titled: "Predictive Modeling of Gallstone Risk: A Comparative Study of ML Models and Ensemble Approach with Explainable AI"
- Applied data mining techniques including data preprocessing, feature selection using Random Forest importance, and K-Fold cross-validation
- Implemented and compared multiple machine learning models for gallstone risk classification, incorporating Explainable AI (XAI) methods to interpret model predictions
- Collaborated with team members to analyze a medical dataset, document findings, and present results in a structured academic paper format

## Education

### University of Gujrat – Gujrat, Pakistan (UOG)

2022-present

Bachelor of Technology in Computer Science Engineering

CGPA: 3.09

## Awards and Achievements

### Introduction to Front – End Development (Meta – Coursera)

March - 2025

### Programming with JavaScript (Meta – Coursera)

March - 2025

### SQL For Data Science (University of California, Davis – Coursera)

May - 2025