Muhammad Ahsan Khan

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SUMMERY

I am a passionate and driven Computer Science undergraduate (expected graduation: 2027) with a strong foundation in full-stack web development and emerging technologies. My expertise spans the MERN stack (MongoDB, Express.js, React, Node.js) along with core front-end technologies like HTML, CSS, JavaScript, and Tailwind CSS. I have hands-on experience developing responsive, data-driven, and user-friendly web applications with Firebase integration for authentication and cloud data management.

Beyond web development, I have practical experience integrating AI-powered features using Google Gemini API, enabling intelligent chatbots, recommendation systems, and automation within web applications, and version control with Git & GitHub.

I am **an** enthusiastic learner who thrives in collaborative environments such as hackathons and team projects, always eager to explore cutting-edge technologies and deliver impactful solutions. My goal is to contribute to innovative, scalable, and AI-enhanced applications that bridge technology with real-world usability.

SKILLS

Technical:

- Languages: HTML, CSS, JavaScript, TypeScript, Python
- Libraries/Frameworks: React, Tailwind
- Databases**:** MySQL, Firebase, MongoDB
- Backend Development**:** REST APIs with Node.js & Express.js, Authentication (JWT, Firebase Auth), CRUD operations, API integration

CERTIFICATIONS

- React Basics – Apr'25 ([Link](#))

PROJECTS

E-commerce:

[Live-demo]

- Built a responsive e-commerce website using **HTML, CSS, JavaScript**, and **Tailwind** for layout and design.

- Implemented product listing and cart connected with **Firebase Firestore** for storing product data.

- Enabled user authentication and admin-level CRUD operations using **Firebase Authentication** and **Firestore rules**.

AI-Powered Code Review Platform:

GitHub: github.com/Muhammadahsankhn/AI-Code-Review

- Developed a **full-stack web application** using **React.js (frontend)** and **Express.js with MongoDB (backend)**.

- Integrated **Google Gemini API** to provide **AI-driven code review, bug detection, and optimization suggestions**.

- Implemented **user authentication, profile management, and secure storage** using MongoDB & JWT.

- Designed a responsive UI with **Tailwind CSS** ensuring smooth user experience.

- Utilized **REST APIs** for communication between frontend and backend, with error handling and proper validation.

SIS-STITCH – MERN Stack Business E-Commerce Store:

A full-stack e-commerce solution designed to manage both business operations and customer shopping experience.

- Tech Stack**:** React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Firebase, JWT Auth
- Admin Panel: Perform complete CRUD operations on products and orders, manage user data, and control inventory.
- User Panel: Allows customers to browse products, add to cart, view details, and place orders with authentication and persistent sessions.
- Features: Secure login/signup, responsive UI, dynamic product rendering, and RESTful API integration.
- Repository: github.com/Muhammadahsankhn/SIS-STITCH