Fahad Amin
MERN Stack Developer

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EDUCATION:

- **Government College University, Lahore**
  BSCS (Bachelors in Computer Science) - 3.02 GPA   *Nov, 2020 - Dec, 2024*
- **ILM Group of Colleges Haveli Lakha, Okara**
  FSc pre-engr. - 82%   *Jun, 2018 - Aug, 2020*

SUMMARY:

I am a dedicated Computer Science graduate with a strong foundation in both theoretical concepts and practical applications. Proficient in Object-Oriented Programming, data structures, database management, and full-stack development using the MERN stack, I am skilled in using Git and have expertise in Socket.io for real-time communication. I excel in leadership, communication, and quickly adapt to new technological challenges. Committed to ongoing professional development, I thrive in collaborative environments where I can leverage my technical and interpersonal skills to drive innovation and solve complex problems. Eager to contribute to and grow with a dynamic tech organization, I aim to continuously enhance my capabilities and deliver impactful solutions.

Work Experience:

- **Front End Developer**
  Tech Omini   *April 2023 - Oct 2024,*

- **Final Year Project:** *Flour Distribution Management System*
  Full Stack Developer (MERN Stack)   *May 2024 - Oct 2024,*
  https://github.com/FahadAmin1122/Flour-Distributstion-Managment-System
  - **Developed a role-based platform** with multiple user roles: **Admin, Sub-Admin, Data Entry Operator, Distribution Center User, and Beneficiary**, ensuring proper access control and functionality.
  - **Implemented secure authentication** using **JWT, sessions, cookies, and local storage**, managing user access based on roles for enhanced security.
  - **Integrated Twilio for SMS notifications** and **Nodemailer for email authentication**, providing real-time updates and additional information to users.
  - **Created RESTful APIs** for **authentication, flour distribution management, and beneficiary complaints**, leveraging **Node.js, Express.js, and MongoDB** for efficient data handling.
  - **Implemented error-handling middleware and followed security best practices**, ensuring a robust and secure backend system.
  - **Integrated backend APIs with the frontend using Redux**, optimizing state management for a seamless user experience.

PROJECTS:

Tic-Tac-Toe Game using c++
- *https://github.com/FahadAmin1122/Tic-Tac-Toe*

Styling Project using HTML, CSS
- *https://github.com/FahadAmin1122/online-shoping*
- *https://github.com/FahadAmin1122/shopJacket*

E-commerce website using Node.js, Express.js & MongoDB
- *https://github.com/FahadAmin1122/instaclonepractice*
- *https://github.com/FahadAmin1122/MyFood.git*

Functional Based and complete Project using HTML, CSS, JavaScript, APIs,(MERN Stack)
- *https://github.com/MuhammadTayyabse/KHidmat-FYP*
- *https://github.com/FahadAmin1122/MyFood.git*
- *https://github.com/MuhammadManan/Student_facility_System*

E-commerce Website using React.js, gsap
- *https://github.com/FahadAmin1122/E-Store.git*

SKILLS AND INTERESTS:

- **Skills:**
  - **Web Development:** HTML, CSS, JavaScript, Tailwind CSS, gsap locomotive
  - **Frameworks:** React.js, Node.js, Express.js, Mongo DB, Bootstrap
  - **Technical Skills:** C++, SQL & NoSQL Rest APIs development & Integration, Git & GitHub
  - **Soft Skills: Communication,** Teamwork, Time Management, Creativity, Continuous Learning
  - **Others:** OOP, DBMS, DSA, Problem Solving, Critical thinking

- **Interests:** Coding, Self-Improvement, Chess, Sudoku, Cricket, Badminton, Book Reading, Exercise