

# MUHAMMAD SALMAN SALEEM

## React Developer

Sector A2, Township, Lahore, Punjab, Pakistan  
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### PROFILE

I am a dedicated and self-motivated Computer Science graduate with a strong foundation in full-stack development. As a MERN Stack Developer, I have successfully completed my Final Year Project independently, showcasing my expertise in React.js, Node.js, Express.js, TailwindCSS, and MongoDB. I possess strong skills in C++, Java, and JavaScript, with additional experience in Unity Hub and React Native. My ability to handle both frontend and backend tasks effectively highlights my problem-solving skills and adaptability in software development.

### EDUCATION

**BSCS**, COMSATS University Islamabad, Lahore Campus  
*February 2020 – January 2025*

**F.Sc (Pre-engineering)**, Punjab Group of Colleges, Jhang Sadar  
*April 2017 – May 2019*

### TECHNICAL SKILLS

- Programming Languages:** JavaScript, Java, C++, SQL, HTML5, CSS
- Frontend Development:** React.js, Redux, React Native, TailwindCSS, Bootstrap
- Backend Development:** Node.js, Express.js, REST API, JWT Authentication, Socket.io
- Database Technologies:** MongoDB, SQL, Data Warehousing (Star Schema, Snowflake Schema)
- Developer Tools:** Git, GitHub, VS Code, Postman, Unity Hub
- Microsoft Office:** Word, PowerPoint, Excel

### PROFESSIONAL EXPERIENCE

#### FINAL YEAR PROJECT: JEWEL HEAVEN (*Full-Stack E-commerce Platform for Gold Jewelry*)

**Technologies Used:** React.js, Node.js, Express.js, MongoDB, TailwindCSS, JWT Authentication, Socket.io

#### Key Contributions:

- Developed a responsive e-commerce platform with real-time gold rate updates
- Implemented token-based authentication and Socket.io-powered live chat system
- Engineered a scalable product schema with dynamic filtering and search functionality
- Built an interactive catalog with order management and tracking capabilities
- Integrated secure multi-step checkout process with various payment options
- Utilized LocalStorage for persistent cart management

### SPECIALIZED SKILLS

#### Data Warehousing Expertise:

- Implemented star schema and snowflake schema in SQL
- Created and analyzed data warehouse visualizations using Power BI

#### Full-Stack Development:

- Proficient in MERN stack (MongoDB, Express.js, React.js, Node.js)
- Experience with both frontend and backend development

### SOFT SKILLS

- Strong communication (in English and Urdu Language) and teamwork abilities
- Fast learner with adaptability to new technologies
- Leadership and problem-solving aptitude