SABBA NOORI

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Portfolio: https://sabbanooriportfolio.vercel.app

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LinkedIn   Github

ABOUT :

Computer Applications graduate with a strong foundation in programming, backend systems, and problem-solving. Experienced in designing and implementing backend-driven and real-time software systems using **C++, Python, and modern web technologies**, with a focus on correctness, performance, and maintainable system design. Committed to strengthening expertise in algorithms, data structures, and system architecture to build efficient, scalable, and robust software solutions.

TECHNICAL SKILLS:

Programming Languages: C++, Python, JavaScript, TypeScript, SQL, C#

Backend & Systems: Node.js, Express.js, REST APIs, WebSockets, Socket.IO

Databases: MySQL, MongoDB

Frontend: React.js, HTML, CSS

Core Concepts: OOP, Data Structures, System Design, Debugging

Tools: Git, GitHub, Unreal Engine, Unity

PROJECTS :

Projects listed were developed iteratively, with core functionality implemented earlier and additional features refined over time.

Hotel Booking   Live Link   Jan 2025 – Feb 2025

Technologies: Node.js, Express.js, REST APIs, MongoDB
- Designed and implemented a backend-driven hotel booking system with structured database schema
- Developed REST APIs for searching, booking, and availability management
- Focused on data validation and transactional consistency

Real-Time Chat Application   Live Link   Feb 2025 – Mar 2025

Technologies: React.js, Node.js, Express.js, WebSockets, Socket.IO, MongoDB
- Developed a real-time messaging application using event-driven communication
- Implemented WebSocket-based message exchange and user events
- Integrated frontend components with backend services for persistent chat data

Car Rental System   Live Link   Mar 2025 – Apr 2025

Technologies: Node.js, Express.js, REST APIs, MongoDB
 • Built a rental management application with backend-centric logic and rental state tracking
 • Designed relational database tables for vehicles and rental records
 • Implemented REST APIs to manage rental workflows and ensure data integrity

ADDITIONAL PROGRAMMING EXPERIENCE:

Portfolio: https://sabbanoori-games.carrd.co

• **FPS Shooter – Unreal Engine (C++):** Implemented player mechanics, interactions, and basic AI behavior using object-oriented programming and real-time system logic
 • **Unity (C#):** Developed 2D physics-based and adventure games using Rigidbody physics, collision handling, movement logic, and state management

EDUCATION :

Bachelor of Computer Applications (BCA) — 2020 – 2023
Gujranwala Guru Nanak Institute of Management and Technology — *77.9%*
Relevant Coursework: Programming in C/C++, Web Development, Data Structures & Algorithms, Database Systems, Operating Systems

Higher Secondary Education (+2) — 2020
Punjab Agricultural University, Ludhiana — *94%*

CERTIFICATIONS & PROFESSIONAL TRAINING:

Advanced Diploma in Computer Applications (ADCA) — April 2023 – April 2024 (Diploma certificate)

Full Stack Web Development Bootcamp — Udemy — Jul 2025 – Sept 2025

100+ hours training • **23 React Web Apps** • JavaScript, API, Deployment skills

Additional Technical Skill Courses — May 2024 – January 2025
• Completed structured training in **programming foundations, backend systems, and interactive application development** through hands-on projects
 • Undertook **advanced C++ and Unreal Engine coursework**, focusing on object-oriented programming, system logic, and version control

IELTS Academic Training — Dec 2024 – Mar 2025

CERTIFICATE LINKS : https://drive.google.com/drive/folders/1W6gN-lurKoEYYDdomEc5lobG3_8TW2jx