

Sukarayam Janjua

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[LinkedIn](#) / [GitHub](#) / [Twitter](#)

EDUCATION

Dr. B.R. Ambedkar National Institute of Technology, Jalandhar

Bachelor of Technology (B. Tech) in Instrumentation and Control Engineering; CGPA: 7.4

Jalandhar, Punjab, India

10/2021 – 06/2025

PROFESSIONAL EXPERIENCE

MFL Educlub — Certificate

Software Developer Intern (6 months)

Remote

08/2023 – 02/2024

- **Tools and Technologies Used:** React.js, JavaScript, C#, ASP.NET Core 6, SQL, Restful APIs, Swagger, Bitbucket.
- **API Development:** Developed scalable and high-performance APIs handling 1,000+ requests daily using .NET Core 6. Engineered APIs for admin access control, group member management (GET and UPDATE), and image handling.
- **Database Management:** Designed and implemented SQL databases, including schema design, updates, and optimization. Devised and managed databases for storing college information to enhance the efficiency of storing and retrieving college information, resulting in a 20% performance boost in query response time.
- **Full-Stack Development:** Optimized and improved UI responsiveness by 15% through integration of React.js front-end with back-end APIs, enhancing user satisfaction by 25%.
- **Cloud Storage Optimization:** Reduced image load times by 40% using Azure Blob, improving load time by 2-3 seconds.
- **Version Control & Collaboration:** Proficient in version control using Git, GitHub, and Bitbucket. Coordinated with a 10+ developer team to deliver scalable solutions, projects and utilized Swagger and Postman for API testing, documentation, and sharing.

PROJECTS

Urban Nest [GitHub](#) / [Live](#) (Full stack web app)

- **Tools and Technologies:** React.js, Node.js, Express, MongoDB, JWT, Prisma, CSS, HTML 5, Thunder Client.
- **Real Estate Platform:** Developed a fully-featured real estate web application using the MERN stack, enabling 100+ users to browse, buy, rent, and sell properties.
- **User Authentication:** Established secure authentication using JWT for 100% data protection, ensuring reliable login and access control with zero reported security issues. Included username and email-based verification for 50+ users.
- **Profile Management:** Integrated user profile functionalities, enabling seamless updates and photo uploads within 2-3 seconds.
- **Database Management:** Utilized MongoDB and Prisma ORM for efficient data storage and management for 50+ records and user information, implementing Users and Posts models to structure the application's database.

Endless Runner 3D Game [GitHub](#) / [APK](#) (3D Android Game)

- **Tools and Technologies:** C#, Unity, Blender 3, Visual Studio, GitHub, UI, Physics.
- **Game Development:** Created a ready-to-play 3D endless runner game for Windows and Android with interactive gameplay mechanics, leveraging Unity's physics engine for smooth and responsive controls.
- **Cross-Platform Compatibility:** Published the game for Windows 10 and Android, ensuring a seamless experience across devices.
- **UI/UX Design:** Designed intuitive and engaging user interface, ensuring 20% more immersive user experience in the game.

The Animus Network [GitHub](#) / [Live](#) (Frontend web app)

- **Tech stack:** React.js, Tailwind CSS, Firebase, HTML 5, Redux, Google OAuth.
- **Description:** A social platform where 100+ users could share thoughts and interact with others' posts and comments. It requires Sign In/ Log In for accounts, Interactive feed and post features.

SKILLS

Languages: C++, SQL, C#, JavaScript, CSS, HTML5, Python.

Frameworks & Libraries: React.js, Next.js, .NET, Dotnet, Node.js, Redux, Express, SQL, MongoDB.

Functional: Unity3D, Blender, Swagger, Git, GitHub, Bash, Bitbucket, Visual Studio, Arduino.

Technical: Data Structures, Algorithms, Operating Systems, Tailwind CSS, HTML5, Restful APIs, Linux.

ACHIEVEMENTS

Mentee at Microsoft Cybersecurity Engage' 22.

Organized National Level Hackathons – Hackmol4.0 and Hackmol5.0.

Coding Profile – 1718 Highest Rating (top 13%) on [Leetcode](#).

Open Source – Hacktoberfest'22 Successful Completion [Badge](#).

Member of Google Developer Students Club (GDSC-NITJ).