Nitin Rana

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EDUCATION

Graphic Era Hill University	Dehradun, India
B.Tech in Computer Science and Engineering; CGPA: 8.85	*Oct. 2021 – Present*
Rishiram Shikshan Sansthan	India
CBSE 12th; Percentage: 85.5%	*2021*
Rishiram Shikshan Sansthan	India
CBSE 10th; Percentage: 94%	*2019*

EXPERIENCE

ADM .NET FSE (Angular) Intern – Cognizant GenC Next   Feb. 2025 – Present
Cognizant   *Chennai, India*

- Designed and developed scalable web applications using **.NET Core** and **Angular** frameworks.
- Optimized front-end user interfaces and integrated RESTful APIs to enhance overall application performance.
- Collaborated within an **Agile** team to iteratively develop and improve features in sprints.
- Implemented and maintained **CI/CD pipelines** for automated deployment and continuous integration.
- Performed **SQL** database management, queries, and optimizations on cloud-based platforms.

PROJECTS

TimeTable-Maker (Android) | *Java, MVVM, Genetic Algorithm*   Google Play Store

- Achieved over **11,000+** app downloads on Play Store.
- Implemented AI-powered timetable scheduling using Genetic Algorithm.
- Structured with Clean Architecture and MVVM.

3D Tic Tac Toe (Game) | *Unity, C#*   Google Play Store

- Designed an engaging 3D multiplayer Tic Tac Toe with 3x3x3 and 4x4x4 grids.
- Developed dynamic visuals and immersive gameplay in Unity.

Coral Meetup (Web) | *WebRTC, Firebase, JavaScript*   Live at: meet-up-coral.vercel.app

- Built a real-time one-to-one video calling platform with WebRTC.
- Integrated Firebase for reliable signaling and authentication.
- Developed clean UI for user-friendly experience.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Python, C/C++, SQL, HTML/CSS
- **Frameworks/Tools:** React, Angular, Android, Unity, Git, GitHub
- **Databases:** MySQL, NoSQL
- **Coursework:** DSA, Object-Oriented Programming, DBMS

CERTIFICATIONS

- PwC Launchpad Program
- Agile Certification