

# Ankrit Jarngal

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## Online Profiles

[GitHub](#)

[LinkedIn](#)

## Education

### National Institute of Technology Srinagar, J&K

B.Tech in Computer Science & Engineering - CGPA: 8.73 (2023 - 2027)

### Kendriya Vidyalaya Hiranagar

Senior Secondary (XII) - 93.00% (2022), Secondary (X) - 91.20% (2020)

## Experience

### Web Developer, Techvaganza, Srinagar (Aug 2024 - Present)

Developed event management tools including QR scanning & participant registration. Contributed to Techvaganza website development and feature enhancements.

## Projects

### HTTP Server in C (Feb 2025)

- \* Developed a lightweight HTTP server using Winsock in C.
- \* Implemented request parsing and response generation.
- \* Built a basic HTTP response system supporting headers and content delivery.
- \* Explored low-level socket programming and TCP/IP networking.

[Project Link](#)

### Paytm Wallet (Jan 2025)

- \* Built a secure digital wallet using ReactJS and Node.js.
- \* Implemented JWT authentication for secure login and session management.
- \* Designed an ACID-compliant transaction system using PostgreSQL and MongoDB.

[Project Link](#)

### Portfolio Website (Jan 2025)

- \* Developed a personal portfolio using ReactJS with a responsive UI.
- \* Designed interactive animations and smooth page transitions.
- \* Implemented real-time content updates with optimized performance.
- \* Deployed on Vercel for high availability and fast loading.

[Project Link](#)

### QR Scanner (Oct - Nov 2024)

- \* Created a QR scanner for event participant verification.
- \* Integrated a backend for real-time attendance tracking and analytics.
- \* Optimized scanning speed and accuracy for large-scale events.
- \* Deployed on Vercel for seamless performance.

[Project Link](#)

## Technical Skills

Languages: C, C++, JavaScript, SQL

Frameworks: ReactJS, Node.js, Express.js, Tailwind CSS

Developer Tools: Git, REST APIs, JWT Authentication

Databases: MongoDB, PostgreSQL

### **Subjects**

C Programming, Software Engineering, Object-Oriented Programming (OOPs)

Data Structures & Algorithms, Web Development, Database Management Systems

Discrete Mathematics, Operating Systems, Computer Networks