

Shashank Sarth Verma

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EDUCATION

Jawaharlal Nehru University (JNU)

B.Tech in Computer Science Engineering

Expected: 2026

New Delhi, India

- **Current GPA: 8**
- **Relevant Coursework:** Data Structures, Algorithms, Computer Organization and Architecture, Theory of Computation, Compiler Design, Operating Systems, Digital Logic, Database Management Systems, Computer Networks

PROJECTS

Socket Programming Projects using C

December 2024

- **Network Calculator Project:** Developed a multi-threaded client-server calculator that handles multiple clients simultaneously, performing arithmetic operations (addition, subtraction, multiplication, division) over a network.
- **Multi-Client Chat Server:** Built a multi-threaded chat server in C using socket programming, enabling multiple clients to connect and communicate in real time.
- **Remote Shell:** Developed a Remote Shell using C and socket programming, enabling remote command execution over a network. Implemented bidirectional communication for sending commands and receiving output securely.

Weather Forecast App

September 2024

- A Flutter-based weather application that provides real-time weather updates for various cities, including detailed forecasts and dynamic theme switching between light and dark modes.

WeChat

October 2024

- Designed a real-time chat application using Flutter with features like messaging, profile updates, and Firebase integration.

Game Development Projects

2021-2023

- **Ninja Run:** Created a 2D arcade game in Python using PyGame.
- **SkyBlocks:** Developed a 3D arcade game in Unity using C#.
- **Trapped!:** Built a 3D escape room game in Unity.
- **Stone Paper Scissors Robot:** Built using Arduino, servo motors, and C++.

TECHNICAL SKILLS

Languages: C, C++, Java, JavaScript, Dart

Technologies: HTML, CSS, Flutter, Firebase, Unity, Linux

Software: Excel, Git, Arduino

KEY SKILLS

Leadership and management

Analytical thinking and problem-solving

Communication: Fluent in English and Hindi

Attention to Detail and Time Management

POSITIONS OF RESPONSIBILITY

President, LooP, The Developer's Club of School of Engineering, JNU

App Development Coordinator, Google Developer Groups on Campus (JNU)

Lead Student Coordinator, EngQuest 3.0 (Tech Fest of School Of Engineering)

Executive, Placement Cell, JNU