Sujeet Kumar Gupta

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Education

National Institute of Technology, Patna   December 2021 - June 2025
B.Tech in Computer Science, CGPA: 8.14   *Patna,Bihar*

Projects

TechBlog - A Serverless Blogging Platform   **Github**
- Developed a blog website using modern JavaScript framework React and Cloudflare Workers. Enabled seamless blog publishing, allowing users to create, edit, and delete posts effortlessly.
- Implemented robust user authentication with JSON Web Tokens (JWT), facilitating secure user registration, login, and profile management.
- Employed TypeScript and Zod for type safety and validation, and used Prisma with connection pooling for secure database management with PostgreSQL.
- Tools & technologies used: React, Cloudflare Worker, Typescript, Postgres, Zod and JWT

VideoTube Backend Development   **Github**
- Developed a robust backend for VideoTube, a video-sharing platform, utilizing Node.js, Express.js, and MongoDB.
- Implemented secure user authentication and authorization mechanisms with JWT and bcrypt, facilitating safe user registration, login, and profile management.
- Designed and managed RESTful APIs for video uploads and user interactions, ensuring efficient data handling and seamless frontend integration.Employed Mongoose for schema modeling and database management.
- Tools & technologies used: Node.js, Express.js, MongoDB

Real-Time Group Video Streaming   **Github**
- Developed a real-time group video streaming application for seamless large-file streaming.
- A real-time group video streaming application designed to enable seamless video streaming for hosts and guests. This platform includes essential functionalities such as chat support and user authentication. The app ensures efficient data transfer, real-time communication through WebSocket integration, and can handle streaming of large video files with ease.)
- Technology: React, TypeScript, Node.js, Express, WebSocket for real-time communication

Technical Skills

Coursework: Data Structures and Algorithms, Operating Systems, Database Management Systems, Object Oriented Programming, Computer Networks
Languages: C++, C, Java(familiar), JavaScript, SQL
Technology: NodeJs, React, Git, Express.js
Database: MySQL, MongoDB
Area of Interests:Web Development, Machine Learning
Soft Skills:Communication, Teamwork, Time Management, Problem Solving, Adaptability

Positions of Responsibility

Sports Coordinator
- Successfully organized and coordinated a comprehensive intramural power sports competition involving multiple sports events like weightlfting, powerlifting and bodybuilding.

Vista Photography Club
- Organized and participated in various events and college fest, showcasing photography skills. Assisted in planning and executing photo shoots, including coordinating with members.

Achievements

Ranked in Solved 300+ problems across different platforms like Leetcode, GeeksforGeeks.

Qualified Flipkart GRiD 5.0 Software Development Track Level 1.

Ranked in Top 1.82 percentile among 0.9 million candidates in JEE Mains, 2021