Siddharth Vatsal

B.Tech (Final Year)
Computer Science and Engineering
NIT Allahabad, Prayagraj
Kanpur

☏ +91-9369453926
✉ siddharthvatsal@gmail.com
✉ siddharth.20204203@mnnit.ac.in
⌂ Github
in LinkedIn

EDUCATION

•NIT Allahabad   *present*
Bachelor of Technology, CSE   CGPA: 7.1(till 7th semester)

•DPS Kanpur (XII)   *CBSE*
Uttar Pradesh   Percentage: 87.4

•DPS Kanpur (X)   *CBSE*
Uttar Pradesh   Percentage: 89.6

PERSONAL PROJECTS

•BlinkChat

A real-time chat app, to ensure smooth video and text chatting experience for users.

– built a scalable backend, providing a secure authentication system, socket based text-chatting, webRTC based low-latency and smooth video streaming and rich media sharing.
– Integrated Redis as a caching and real-time data store to increase scalability using pub/sub architecture, along with Kafka MQ for high paced data handling.
– Also used Prometheus and Graffana for logging and metrics collection.
– **Tech Stack**: React.js, Node.js, Express.js, socket.io, WebRTC, MongoDB, Redis, KafkaMQ.

•LTunes

Time to relax is a leisure, here comes LTunes to make music streaming smooth and effortless.

– built a combination of flexible frontend with a robust backend, which facilitate secure user authentication, vast music catalogs, playlist management and recommendation system using Spotify API.
– integrated Media.io API, to provide to users a unique feature of extract vocals which can separate vocals and instruments from a piece of music.
– **Tech Stack**: Firebase, Express.js, React.js, Node.js, Spotify API, Media.io API.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, JavaScript, TypeScript, Java, Sql, JMeter
Developer Tools: Git, Github, VS Code, Redis, Docker, Kafka, Seleneium
Frameworks: React.js, Node.js, MongoDB, Express.js,
Soft Skills: Team Work, Problem Solving
Areas of Interest: OOPS, Data Structures and Algorithm, Operating System (Linux), DBMS, Computer Networks
Hobbies: Competitive Coding, Chess

ACHIEVEMENTS

•CodeChef rated 4 Star on CodeChef

•Google Kickstart 2022 qualified round 1

•Google Kickstart 2022 qualified round 1

•Coding Ninjas Weekly Contest 109 Secured Rank 424th out of 29,000 participants

•Coding Ninjas Weekly Contest 110 Secured Rank 778th out of 27,500 participants

•CodeChef Starters 37 global rank 183

•CodeForces Rated specialist on CodeForces

CODING PLATFORMS

•Leetcode https://leetcode.com/SidDarth02/   *500+ questions solved*

•Geeks For Geeks https://auth.geeksforgeeks.org/user/siddharthvatsal   *150+ questions solved*

•Coding Ninja https://shorturl.at/OPR69   *200+ questions solved*