Sarthak Negi

Senior Software Engineer

Address Hyderabad, Telangana 500075

Phone 9897029339

E-mail sarthakn18@gmail.com

Portfolio

- https://www.sarthaknegi.com
- https://github.com/sarthak625

Results-oriented and innovative backend developer with a passion for crafting robust and scalable solutions. Approaching 6 years of hands-on experience in the industry. Easily communicates complex technical requirements to non-technical stakeholders. Demonstrates an excellent leadership record in leading development teams in enterprise-wide projects.

Work History

2021-09 - Current

Senior Software Engineer, Backend

Reliance Jio, Hyderabad, Telangana

- Seamlessly integrated video calling into diverse applications as JioMeet Platform Architect.
- Developed scalable Watch Party feature for JioCinema, handling 70k+ users during peak events.
- Led server architecture design for reliable video conferencing.
- Directed code redesign, mentoring junior devs for skill growth.

2020-09 - 2021-09

Backend Consultant

Mobile Programming LLC, Mohali, Punjab

- Hired as JioMeet consultant, transitioned to permanent role for outstanding performance.
- Led POCs for WebRTC projects, identifying optimal solutions.
- Integrated JioMeet with Outlook, MS Teams, and Google add-ins.
- Contributed to UI redesign, resulting in 70% user engagement increase.

2019-09 - 2020-09

Backend Developer

Illuminz, Mohali, Punjab

- Led Gigipo (now Whaot) development, enabling seamless student-teacher interactions with over 100 teachers onboarded and 5k+ students.
- Integrated Jitsi Meet and Janus for enhanced functionality.
- Implemented scaling and load balancing for peak performance.

- Spearheaded video conferencing service containerization for streamlined deployment.

2018-07 - 2019-08   **Systems Engineer**

Infosys, Bangalore, Karnataka

- Integral contributor to Project Wingspan at Infosys.
- Orchestrated seamless migration to cloud storage.
- Designed upload channels and enabled content streaming via CDN.
- Developed HLS format transcoding service for accessibility.
- Spearheaded integration of 360-degree camera live streaming for enhanced versatility.

Skills

Javascript and Node JS	●●●●●
Docker and Kubernetes	●●●●●
WebRTC, Jitsi Meet, MediaSoup	●●●●●
Databases - Mongo, RabbitMQ, SQL, Redis	●●●●●
Technical Support Escalations	●●●●●
Angular	●●●○○

Education

2014-01 - 2018-04   **B Tech In Computer Science**

DIT University - Dehradun, Uttarakhand, India

- Developed IGEN, a C# virtual assistant for Windows.
- Contributed to QuickRecipe, an online tool for gathering recipes based on ingredients.
- Secured placement at Infosys during final year of college.

2007-01 - 2014-04   **High School Diploma**

Army Public School - Ranikhet, Uttarakhand, India

Completed my schooling from one of the best army schools across India.
- Final Grade: 78.8% in 12th Standard
- Final Grade: 8.6 in 10th Standard

Languages

English

Hindi

Awards

- Employee of the Year 2022 at Reliance Jio
- Ng-India attended the annual angular conference in Delhi 2022

Projects

- Video Calling With Friends - A video calling application
https://video.sarthaknegi.com,
Worked on a video calling application built on Node JS and Angular which uses webrtc to implement video conferencing

- GIF Chat Application - A chat application built on socket io
https://chat.sarthaknegi.com,
A multiroom application built using Node js, Express and Socket IO

- IGEN - A virtual assistant built for windows
https://github.com/sarthak625/Igen-Your-Virtual-Assistant,
A speech recognition application that can interact with the user and record messages to search Google using the System Speech and Google Cloud Speech APIs.

Accomplishments

- Received an award from Reliance Jio called "Employee Of The Year 2022" for my excellent performance
- Mentored around 20 new employees to bring them up to speed on projects, resulting in quicker overall completion milestones.
- Received an A* performance rating in 2023