

Jatin Vashisht

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PROFESSIONAL EXPERIENCE

IndiGo | Software Developer Intern

Dec 2022 - Mar 2023

- Managed and streamlined the Sale Target processing through the COPS module, resulting in a significant **25%** improvement in optimizing flight load factor, enhancing buy-on-board sale promotions.
- Engineered and implemented a highly efficient **ASP.NET Web API**, streamlining data operations and storage management; reduced data retrieval time by **70%** and enhanced overall system performance.
- Spearheaded the implementation of **Parallel Processing**, achieving a remarkable **40%** reduction in task processing time, thereby elevating system responsiveness under demanding workloads.

PROJECTS

Whatsapp Clone

(Code) - (Live)

- Designed and developed **WhatsApp Clone**, facilitating real-time messaging, voice and video calls, multimedia sharing, online/offline status and notifications for incoming messages and calls.
- Achieved a **30% reduction** in message delivery latency and ensured an average message delivery time of less than **100 milliseconds**, enhancing real-time communication efficiency.
- Integrated Zego Express Engine WebRTC, resulting in a **40% reduction** in call setup time and achieved an average call latency of **150 milliseconds**, providing users with a seamless and responsive calling experience.
- Reduced image upload times by **25%** through the implementation of **Multer** optimizations
- Utilized **Wavesurfer.js** for audio messages, enhancing the user experience with a **20% improvement** in audio playback responsiveness.

Threads Clone

(Code) - (Live)

- Developed a high-fidelity **Threads** app clone, leveraging Next.js for superior server-side rendering (SSR) resulting in **32% faster page load times** and optimized client-side navigation.
- Implemented **Clerk's** Next.js package for robust authentication, reducing authentication handling time by **20%**, and enabling seamless user management with adaptive themes.
- Utilized MongoDB with Mongoose for scalable data storage, resulting in **50% improved database performance** and efficient data transactions.
- Ensured code quality with TypeScript for type safety, ESLint for standardized coding practices, maintaining **98% adherence**, and continuous integration for **100% deployment reliability**.

EDUCATION

National Institute of Technology, Srinagar

(2020 - Present)

- **BTech** in Electronics and Communication Engineering

CGPA : 8.172/10

Sh. S.N. Sidheshwar Sr. Sec. Pubic School , Gurugram

(2019)

- **CBSE** (Class XII)

Aggregate : 93%

SKILLS

Languages : C , C++ , Python , C#

Front End Development : Next.js , React.js , React Native , Redux , JavaScript , jQuery , TypeScript , Bootstrap , Tailwind CSS , HTML , CSS , Sass

Back End Development : Node.js , Express.js , MongoDB , Firebase , Prisma , My SQL , SQL , ASP.NET Core

Computer Fundamentals : Operating System , Computer Networking , Database Management System , Object Oriented Programming , Data Structures and Algorithms

Code Editors and Version Control : Visual Studio , Visual Studio Code , MS SQL Server , Git and GitHub