AFTAB ALAM

Noida, Uttar Pradesh, 201309

📞 735-530-7548 ✉ aftabalam735530@gmail.com 🔗 linkedin.com/in/aftab ⓖ github.com/aftab Portfolio

Technical Skills

Languages: Java, JavaScript, **TypeScript**, SQL.
Frontend Development: React.js, Next.js, Redux, RTK Query, HTML, CSS, Tailwind CSS.
Backend Development: Node.js, **Nest.js**, Express.js, WebSocket, RESTful APIs, **Microservices Architecture**.
Cloud & DevOps: AWS (EC2, S3, Lambda), **Redis, Apache Kafka**.
Databases: MySQL, PostgreSQL, MongoDB.
Other skills: Data Structures and Algorithms, OOP, SOLID Principles, DBMS, Prisma, Database Design.

Experience

Applore Technologies — **May 2024 – August 2024**
Software Development Engineer - 1 — *Noida, Uttar Pradesh*
- Developed and maintained dynamic web applications using **Next.js** and **React.js** for front-end and **Node.js**, **Express.js**, and **Nest.js** for back-end services.
- Collaborated with cross-functional teams to design and implement **RESTful APIs** with **Redis caching**, improving application performance and enhancing user experience.
- **Worked with MongoDB** to store and manage data efficiently, ensuring smooth integration with the application.

Self-Employed — **January 2023 – April 2024**
Independent Full Stack Developer — *Lucknow, Uttar Pradesh*
- Developed and deployed **full-stack applications** independently, handling front-end and back-end development with **React.js, Next.js, Node.js,** and databases like **PostgreSQL** and **MongoDB**.
- Designed and implemented **scalable systems** using **Kafka** and **Redis**, achieving **high performance** for real-time applications, including a **flight tracking system**.
- **Improved application performance** by optimizing database usage, implementing Redis caching, and reducing API response times.
- Led end-to-end development, including requirements gathering, feature planning, and deploying applications to ensure consistent and maintainable code.

Projects

MirrorTube | *React.js, Node.js, Express.js, TypeScript, Firebase, PostgreSQL* — **September 2023 – October 2023**
- **Led the development of MirrorTube** by implementing innovative features to enhance user engagement.
- Integrated key features like **video uploads, channel creation**, and **subscription management**, improving user interactions.
- **Enhanced user sign-up experience** with **Google Sign-In** integration and strengthened security using a robust **JWT-based authentication system**.
- **Links: GitHub**, **Live**

BookMyFlight | *Next.js, Redux, Node.js, Express.js, Socket.io, MongoDB, Kafka* — **July 2024 - August 2024**
- Developed a flight booking application with **Next.js, RTK Query**, and **Redux**, supporting seamless booking and flight status checks.
- Improved back-end performance with **Node.js, Express.js**, and **Redis caching**, while ensuring real-time updates using **Kafka** and **Socket.io**.
- Utilized Docker for consistent deployment and integrated Kafka and Socket.io for real-time updates, notifying users instantly of flight status changes.
- Enabled timely notifications via **Nodemailer** and **Twilio**, and enhanced security with **role-based access control** using **JWT**.
- **Link: GitHub**

Achievements

Solved more than **500 problems** on both **LeetCode** and **GeeksforGeeks**
LeetCode profile link: Link
GeeksforGeeks profile link: Link

Education

Bansal Institute Of Engineering And Technology — **Lucknow, Uttar Pradesh**
Bachelor of Technology in Computer Science — CGPA 7.16 — *June 2019 – July 2023*