# Faraaz Ashraf | *Full Stack Developer*

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## Technical Skills

**Languages:** Java, C++, C,  JavaScript (ES6+), TypeScript, HTML/CSS
**Frontend Development:** Next.js, React.js, JavaScript,  TypeScript,Tailwind CSS, Zod, Framer Motion
**Backend & API:** Node.js, Express.js, Rest APIs, Server Actions (Next.js),OpenAI API, LangChain
**Databases:** MongoDB, PostgreSQL
**Developer Tools:** Git & GitHub, VSCode, Vercel (CI/CD), Strapi, Sanity, ChatGPT

## Work Experience

DS Energize, Noida , New Delhi                                                                                              -Jan 2025- current

**Full Stack Web Developer |** Next.js,Typescript,  Reactchart, Socket.io, MongoDB, MQTT, AWS

- Collaborated with a cross-functional team to design and implement an IoT-enabled web application for real-time data integration and visualization.
- Developed and optimized backend services to asynchronously fetch real-time data from databases, ensuring seamless, low-latency communication with the frontend.
- Engineered robust data parsing logic to transform raw IoT logger data into structured, readable formats, improving data usability and storage efficiency.
- Contributed to secure and scalable database design, supporting reliable storage and retrieval of high-frequency IoT-generated data for real-time applications.
- Integrated IoT protocols and principles with modern web technologies to enable efficient data transmission between hardware devices and the web interface.
- Assisted in developing a responsive, user-friendly frontend for real-time IoT data visualization.

Noveracian Global, Pune , Maharashtra                                                                           -June 2021 - Jan 2022

**Frontend Developer Intern |** React.js , Node.js, Express.js , MongoDB

- Developed and implemented user interfaces using React.js, enhancing application responsiveness and user experience across various devices.
- Optimized user interface design, reducing user complaints by 20% and increasing user satisfaction.
- Identified and resolved bugs in the codebase, decreasing unresolved issues by 25% and ensuring smoother application performance.
- Collaborated with the development team to refine user-centric design elements, improving overall user engagement and satisfaction.
- Utilized Git and GitHub for version control, ensuring efficient project collaboration and management.

## PROJECTS

**AI Generated PDF Summary |** Next.js, Typescript, Open AI, UploadThings, LangChain, Zod          [View Project](View Project)
- Built a full-stack AI web app using Next.js, TypeScript, and OpenAI GPT to automate PDF summarization, cutting manual reading time by 80%.
- Integrated LangChain, Zod, and UploadThing for secure data processing, type-safe validation, and efficient file uploads.
- Designed a responsive, accessible UI with Tailwind CSS, enhancing cross-device user experience.
- Optimized API performance for sub-3-second summary generation and deployed on Vercel with CI/CD, achieving 99.9% uptime.
- Followed modular architecture, reusable components, and secure API key management to ensure scalability and maintainability.
- Strengthened system reliability with proactive error handling, improving overall platform stability and reducing failure rates.

**BuyFresh - E-commerce Website |** React.js, Redux, Express.js, MongoDB, Tailwind          [View Project](View Project)
- Designed and developed a scalable e-commerce platform with MERN stack, including user authentication and a feature-rich admin dashboard.
- Improved UI responsiveness by 25% using efficient state management and component-based architecture.
- Reduced page load times by 20% through rendering optimizations and minimized network requests.
- Boosted database query performance by 30% with advanced indexing and query optimization techniques.
- Enhanced API and middleware efficiency, streamlining backend operations for better system performance.

**Hike Chat Application|** MERN Stack, Socket.io, Redux, JWT, Tailwind CSS          [View Project](View Project)
- Built a robust real-time chat application from scratch, demonstrating proficiency in the MERN stack.
- Achieved seamless real-time communication and enhanced user interaction through Socket.IO integration.
- Developed comprehensive user authentication and authorization using JWT to secure user accounts and data.
- Delivered a fully functional chat application capable of handling multiple concurrent users with real-time messaging.
- Enhanced user experience with a fully responsive design, ensuring optimal accessibility across various devices
- Utilized Git and GitHub for version control and collaboration, and successfully deployed the application.

## EDUCATION

**NGF College of Engineering and Technology**                                                                          2019 - 2023
*B.Tech in Computer Science*
Palwal, Haryana |