Ashish Kumar Gupta

+917004295803 | Email: aashishkumargh@gmail.com |Github: aashishh121 | Linkedin: ashish-kumar | ashish.dev

Professional Summary

Experienced software engineer with a passion for crafting robust web applications using cutting-edge technologies like Node Js, Nest Js React Js, Next Js, Redux, and more. Proficient in the design, testing, and optimization of complex software solutions. A collaborative team player with a results-oriented approach to problem-solving.

Skills

- **Language**: HTML, CSS, JAVASCRIPT, TYPESCRIPT, JAVA
- **Database and frameworks**: Nest Js, Node Js, React Js, Next Js, Redis, My SQL, MongoDB
- **DevOps**: Azure, **Docker**.
- **Misc**: Redux, Zustand, Shadcn/ui, Radix UI, Zod, Data Structures, CI/CD, Algorithms, System Design, **Micro Services**, DBMS, Git, Github, Joi validation, **REST**, GraphQL, Kafka, SQL, **NoSQL**, Highchart Js, Playwright, OpenAi.

Experience

Full Stack Developer, E2E Research - Enigma to enlightenment – New Delhi   January 2024– Present
- Developed a feature-rich web application using **Next.js** that offers clients to embed pre-developed survey widgets into their custom surveys, leveraging its server-side rendering capabilities and **API** routes.
- Implemented secure **encryption** methods on the backend to manage **trial and subscription** processes effectively.
- Enhanced application security by integrating **JWT** token authentication, enabling secure user authentication and authorization processes.
- Worked on a project survey automation, crafted a scalable backend using **Nest Js** framework, leveraging the **Playwright** library for automation. Designed to support various survey formats, enabling seamless automation across multiple platforms.
- Developed an advanced plugin that generates **real time** follow-up questions for surveys based on user responses. It is created using **OpenAI** API, leveraging the **LangChain** framework. Analyzed survey questions and user responses to evaluate user **sentiment** and generate relevant **probe** questions.
- Successfully collaborated with diverse teams, establishing crucial interfaces, nurturing working relationships, bridging technical divides, and aligning project objectives with **business** requirements.

Jr. Full Stack Developer, E2E Research - Enigma to enlightenment – New Delhi   January 2023– January 2024
- Designed and developed survey data **analysis** web app from scratch using **React Js** and **Nest Js**.
- Utilized **Redux** for efficient state management across the application, ensuring consistent data flow and improved scalability.
- Constructed the **backend infrastructure** with **Nest js** framework. Utilized MongoDB as the database to efficiently store and manage data.
- Created **secure** authentication services using **JWT access/refresh tokens.**
- Implemented a comprehensive **user management** system, including **role-based** authentication, group management, and data upload functionality for **admins**.
- Implemented **real-time data** processing functionality allowing users to rate videos **dynamically**, with the data being stored and **visualized** for admins in graphical formats using **Chart.js**.

Personal Projects

Real-Time Document Collaboration Tool - view
- Crafted a real-time collaborative **text-editor** to gain proficiency with Socket.io and WebSocket technology. Implemented **real-time** functionality with **Socket.io** for seamless collaboration between users. Leveraged a Quill library for the rich text editor.

  Tech stack: React Js, Node Js, Express Js, TypeScript, MongoDB, Socket.io.

Education

Maharaja College − B.Sc in Physics   May 2014 - May 2017

Achievements

Special Appreciation Award - E2E Research - Enigma to enlightenment   April 2024

Certificates

Full Stack Web Development | Newton School - view   Nov 2021 - Dec 2022