

RISHABH GUPTA

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About me

Full-stack engineer sharpening the gears between APIs, AI and UI. Built auth systems that scale, optimized performance-critical endpoints, and now dissecting how AI workflows break—to rebuild them better. Looking for systems where my code directly moves metrics.

Education

IMS Engineering College, Ghaziabad, India

Nov'20 - June'24

- B.Tech | Computer Science and Engineering

ST. Al-haneef Educational Center , India.

April'18 - March'19

- CBSE (Class XII)

ST. Thomas School, Gopiganj , India

April'16 - March'18

- CBSE (Class X)

Skills

Languages: Python, Java, SQL, HTML, CSS, Js, Typescript

Frameworks & Libraries: Django, AI/ML, Angular, Node.js, NgRx, PrimeNG, Express.js, React

Tools & Technologies: Git, REST APIs, , HTTP Client, JWT (JSON Web Tokens), FastAPI, CI/CD

Databases: MySQL, MongoDB

Core Competencies: OOP, Data Structures, Problem Solving, Collaborative Development.

Work Experience

Associate Software Engineer | (THE BAAP COMPANY)

Jan'25 - Present

- Designed and developed multiple features for the HireHq web applications, utilizing Angular, NgRx, and PrimeNG for the frontend, and Express.js for the backend
- Utilized RxJS for reactive programming, handling asynchronous operations and event streams in the frontend application. Implemented RESTful APIs using typescript.
- Worked with the product team to design and develop new features, using TypeScript and SCSS for the frontend, and Node.js for the backend
- Implemented authentication using JWT (JSON Web Tokens), ensuring secure authentication and authorization for the web applications. Collaborated with the QA team to identify and resolve bugs, using Git for version control and HTTP Client for making API requests

Projects

Equity News Analyzer | (LangChain, OpenAI API, Streamlit)

Jan'24

- Developed an AI-powered news research tool processing 100+ financial articles daily using LangChain and OpenAI API
- Implemented RAG workflow with NLP features to generate concise insights, reducing research time by 50%
- Integrated vector similarity search for contextual answers, achieving 85% relevance in output analysis

Funded Farmers | (Python, Django, REST Api)

June'23

- Led the development of the "Funded Farmers" online platform, connecting landowners with unused agricultural land to farmers with advanced equipment, enhancing rural development and market access.
- Implemented GLIS database integration, enabling accurate auto-population of land parcel details that can improve data accuracy by 25%.
- Developed advanced search filters with GLIS land data, which can boost farmer efficiency in locating suitable agricultural lands by 30%, fostering sustainable rural development.