Ishank Sharma

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EDUCATION

SRM Institute of Science & Technology   Delhi NCR, India
 B.Tech. in Computer Science   Expected Graduation, Jan 2025
- Concentrations: Artificial Intelligence and Machine Learning
- GPA: 8.28/10
- Related Coursework: Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

Vivekanand School Class 12th
 C.B.S.E Board   Delhi, India
- Stream: P.C.M (Science Side)
- Percentage: 86%

EXPERIENCE

VolumeTree   Delhi, India

 Artificial Intelligence Intern: Nov 2024 – Present

- Built a Python-based single/bulk CV parser and job description parser that supports PDF and DOCX formats using JWT-based token security, reducing processing time by 20%.
- Developed and integrated prompt engineering techniques and logging into company projects, resulting in a 15% improvement in system reliability and facilitating a 10% reduction in project turnaround times.
- Designed a parallel prompt processing system leveraging OpenAI models, threading, and LangChain, enabling instinctive, secondary, and evaluation-based responses with a latency of under 3 seconds using WebSocket's.
- Created a machine learning pipeline to dynamically add, fetch, and train on interview questions tailored to candidates' experience, subjects, and difficulty scores, improving candidate assessment accuracy by 20% and processing over 1,000 interview questions weekly.
- Worked with tools like Postman, Hasura, MongoDB Atlas, AWS SQS, S3, and integrated video proctoring features and UI improvements based on team feedback.
- Collaborated with a team of 12 and provided QA support, feedback, and advisory roles for product optimization.
- Created a job description enhancing and resume based scoring API that can judge which candidates can be shortlisted among a large amount of quantity that are worth interviewing based on a scoring of each resume out of 10.

Mitsui & Co. India Pvt. Ltd   Delhi, India

 Software Development Engineering Intern   Jan 2024 – June 2024

- Contributed to on-site and remote projects in a hybrid model, enhancing web development and server infrastructure.
- Played a key role in projects involving Artificial Intelligence, demonstrating technical expertise and

innovative critical thinking skills.
- Displayed collaborative abilities by collaborating effectively with diverse teams to achieve project milestones.

Zetrance XR   Noida, India

Generative Artificial intelligence Intern   Mar 2024 – November 2024

- Worked on API integration to connect AI models with applications, optimizing back-end web development for seamless functionality.
- Utilized LangChain for building complex AI workflows, enhancing generative AI models.
- Extensively employed Python for scripting, data analysis, and implementing AI algorithms.

PROJECTS   [GitHub Link](#)

Inventory Management System for Groceries   Team Lead Feb 2024

- Engineered a FastAPI-based system utilizing image recognition and web scraping for automated, real-time inventory categorization of groceries.
- Enhanced efficiency and user experience by automating the sorting and updating of inventory data.

Social Media Web Application in 48 Hours (WitchNet)   Team Lead Mar 2024

- Built a unique social media platform for arcane arts enthusiasts using Node.js, Express.js, and MongoDB.
- Developed an intuitive UI and innovative user engagement tools, enhancing community interaction and user experience.

Unstop Assessment – Full Stack Developer Challenge   August 2024

- Built a unique social media platform for arcane arts enthusiasts using Node.js, Express.js, and MongoDB.
- Developed an intuitive UI and innovative user engagement tools, enhancing community interaction and user experience.

ACTIVITIES AND LEADERSHIP

- 3rd Place, Start-up Pitch Competition   Innovate SRM 2024
- Best Backend Award, ISTE Hackathon   April 2024
- 3rd Place, GDSC Research Paper Competition   Mar 2024
- Successfully completed 'Computing with Python' course (NPTEL Certification)
- Successfully completed 'Introduction to Back End Development' course (Coursera Certification)

SKILLS
Programming: Python, JavaScript, HTML/CSS, SQL, Node.js, React.js, C++, C, Java.

Tools: TensorFlow, AWS, Docker, Git, MongoDB, RESTful API, FastAPI, LangChain, Jupyter, Selenium, OpenAI API, Azure SDK, WebSocket's.

People Skills: Team collaboration and effective communication, Problem-solving and innovative thinking, Time management and ability to meet deadlines, Adaptability, Leadership and mentoring in team settings