

# NIPUN KHATRI

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## SUMMARY

Software Developer with expertise in developing scalable solutions using Generative AI, Machine Learning, and RESTful APIs, improving user engagement and platform efficiency.

## WORK EXPERIENCE

### Full Stack Developer Intern

Dec 2024 - Mar 2025

Envint <https://envintglobal.com/>

*Remote - Noida, IN*

- Developed RESTful APIs (NodeJS) for a financial reporting software, streamlining report generation and eliminating manual Excel-based processes.
- Designed scalable backend services using Node.js and DynamoDB to generate and download annual reports in various formats, handling multiple question types (text, number, table, ratio) and data consolidation.
- Designed a RAG pipeline using LangChain and Pinecone to automate the generation of peer benchmarking reports from PDFs, improving data retrieval and accuracy.

### AI Software Developer Intern

Oct 2024 - Dec 2024

The Mango Jelly <https://themangojelly.com/>

*Remote - Noida, IN*

- Developed a Multi-Modal Retrieval-Augmented Generation (RAG) system that integrates various data modalities and generates insights from multiple sources (Images, Tables, Text) in PDF.
- Built an AI agent using Workflow to process NLP queries and efficiently retrieve Hubspot CRM insights.
- Designed a web crawler to extract the content of the company website and weekly updates for market analysis.

### SDE Intern

Feb 2024 - July 2024

Base Tech <https://basetech.in/>

*Remote - Noida, IN*

- Implemented Generative AI to automatically generate flashcards and quizzes from PDFs, enhancing the learning experience with interactive content.
- Used React js and Redux Toolkit to build dynamic and interactive flashcard and quiz pages, allowing seamless user engagement.
- Designed and developed multiple API endpoints using Flask, integrating PostgreSQL for robust database management and scalability.

## SKILLS

<b>Frameworks</b>	React JS, Redux Toolkit, Node JS, Flask, FastAPI, LlamaIndex, RAG, AI Agents
<b>Databases</b>	MongoDB, PostgreSQL, Vector Databases(ChromaDB, Pinecone)
<b>Languages</b>	C++, Python, Html, CSS, Javascript, SQL
<b>Tools and other</b>	Github, Postman, Material UI, AWS(EC2, S3), Docker, Selenium, ChatGPT

## ACHIEVEMENTS

- Elevated to **Regional Finalist** (Top 20) in the 2022-23 Imagine Cup hackathon showcasing exceptional innovation and talent.
- Maximum Rated **1603**, **CodeChef** (3 Star) and 200+ Problems **Leetcode**
- Maximum Rated **1071**, **CodeForces** (newbie) at Codeforces
- Secured **1st Position** at the Wienova hackathon organized by IEEE Delhi