

NikhilKumar Jain SOFTWARE ENGINEER | AI & BUSINESS AUTOMATION

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Summary

Product-minded Software Engineer with one year of hands-on experience building and deploying AI-powered solutions that solve critical business problems. I enjoy working at the intersection of technology and business-translating complex ideas into practical AI-driven solutions that create measurable market impact. With a blend of technical expertise and business understanding, I bring the ability to not just build intelligent systems, but to align them with real business goals. I'm excited to grow in roles where innovation, strategy, and technology come together to deliver value.

Professional Experience

Software Engineer Intern, Emergys Solutions Jan 2025 – present | Pune, Maharashtra

- Partnered directly with the business strategy team as the lead technical owner to automate competitive market analysis.
- Architected and deployed a **real-time Tariff Monitoring AI Agent** from concept to production, creating a new source of live, actionable intelligence for the company.
- **Eliminated 10+ hours of weekly manual analysis** and slashed data latency by over 95% (from 24 hours to under 5 minutes), freeing up analyst resources for higher-value work.
- The system's success directly transformed the team's decision-making process, enabling proactive, data-driven pricing strategies that improved market responsiveness.

Software Developer(Corporate Sponsored Project), Immortalcode Software Solutions Jan 2024 – Apr 2024 | Remote

- Selected by corporate leadership to lead the development of a B2B marketing platform, sponsored by the company to fulfill a specific business requirement for a "Vendor Messaging and Oversight Hub."
- Architected and delivered a full-stack **B2B growth engine** that empowered vendors to convert customer inquiries into sales opportunities through an automated lead-capture and communication system.
- Engineered the platform's two core synergistic features: an intelligent sales funnel that launched via WhatsApp/SMS, and a "zero-effort" digital storefront builder that served as the campaign's landing page.
- Successfully completed and delivered the entire project within the specified 3-month timeline, earning official sign-off and commendation from the company director.

Projects

DocLens 2024, AI-Powered Document Verification (Winner, Smart India Hackathon 2024)

- **Designed** an automated system for the Ministry of Education (MoE) and DRDO to verify applicant data by cross-checking scanned documents with user-provided information.
- Engineered a computer vision pipeline that achieved **99.7% (Three Sigma) accuracy** with a processing speed of **under 3 seconds**, designed to replace a time-consuming and error-prone manual review process.

Intelligent Text Summarizer, Full-Stack NLP Application

- **Developed** a Text Summarizer utilizing NLP techniques and the **Google Pegasus** model.
- **Implemented** both extractive (TextRank, TF-IDF) and abstractive summarization methods.
- **Deployed** the application on cloud using Hugging Face Spaces and Gradio, supporting input formats like text, PDFs, DOCX, website links, and YouTube video links.

Skills

- **Languages:** Python, JavaScript, HTML/CSS, Dart
- **Frameworks:** Django, React.js, Flutter, Gradio
- **Databases:** MySQL, MongoDB, Firebase
- **AI/ML:** Scikit-learn, Pandas, NLP (Hugging Face), OCR

- **Tools & Platforms:** Git, GitHub, Docker, AWS (Basics), GCP, Hugging Face Spaces
- **Course Work:** Data Structure and Algorithms, OOP ,Computer Networks, Operating System , DBMS

Leadership Experience

- **Winner, Smart India Hackathon 2024** (Finalist in 2023)
- **Secretary**, Indian Society for Technical Education (ISTE)
- **Secretary**, LOL (Learning Out Loud) Coding Club

Education

Walchand Institute of Technology,Solapur Bachelor of Techonology 2022 – 2025 | CGPA : 9.25/10.0

- **Major:** Computer Science and Engineering - **Minor:** Artificial Intelligence and Machine Learning (AIML)

Solapur Education Society's Polytechnic, Solapur 2019 – 2022 | Percentage: 90.40%

- Diploma In Computer Technology

Certificates

- **MTA: Introduction to Programming Using Python**
- **M100: MongoDB for SQL Pros**
- **Google Cloud Career Launchpad: Cloud Engineer Track**

- Microsoft Certified 2022
- MongoDB Certified 2023
- Google Certified 2024

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- MDBotcgxdawd7
- FD31YBvi