VEDANT MUNDEL

Nagpur, India

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PROFESSIONAL SUMMARY

Full Stack Developer with 2 years of experience in React.js, TypeScript, and Python (FastAPI), building scalable applications for 400+ users. Experienced in API design, performance optimization, and clean architecture. Expanding into Generative AI development, implementing Prompt Engineering strategies and RAG pipelines to integrate LLM driven intelligence into modern web platforms..

TECHNICAL SKILLS

Frontend: React.js, Redux, Nextjs, Tailwind CSS, JavaScript, Typescript

Backend: Python, FastAPI, Node.js, RESTful APIs, JWT Authentication

Databases: MongoDB, SQL, QdrantDB, IndexedDB

AI/ML: Prompt Engineering, Retrieval-Augmented Generation (RAG), Vector Embeddings, LLM Integration

Cloud & Tools: AWS S3, Git, GitHub, Tableau

PROFESSIONAL EXPERIENCE

Software Specialist   Oct 2024 – Dec 2025
Delaplex Ltd.   *Nagpur, India*

- **Led development and deployment** of an AI-powered LMS for 400+ users with role-based access control (Admin/Trainer/Learner), supporting employee training, onboarding, and analytics dashboards.

- **Built scalable backend services using Python** with REST APIs, JWT authentication, and AWS S3 integration. Improved performance by **reducing API calls by 60%** using caching and debouncing techniques.

- **Created reusable, internationalized frontend components using React**, TypeScript, and **Redux, reducing code duplication by 40%**, and implemented an **AI chatbot using RAG pipelines and GPT embeddings** to enhance information retrieval accuracy across multi-language content**.**

Software Specialist Trainee   Jan 2024 – Oct 2024
Delaplex Ltd.

- **Built a full-stack e-commerce application** using **Flask, React.js, and MongoDB**, including RESTful APIs for product management, authentication, and order processing with proper validation

- **Implemented image-based product recommendations** using **Google Vision API and cosine similarity**, and designed a **warehouse management POC** supporting CSV/text/image uploads, improving inventory operations by **50%**

KEY PROJECTS

- **Resume RAG System**: Designed and implemented a **Retrieval-Augmented Generation (RAG) API** using Python and FastAPI, enabling PDF ingestion, text chunking, vector embeddings, and semantic search with FAISS to deliver accurate, context-aware query responses.

- **Sales Analytics Dashboard:** Conducted advanced data analysis on sales datasets and created interactive visualizations using **Tableau**, providing actionable business insights through KPI tracking and trend analysis

ACHIEVEMENTS

- **Winner – Internal Cyber Hackathon** at Delaplex Ltd.
- **IBM SkillsBuild – Prompt Engineering Certification (2026)**
- **LeetCode 175+ Problems solved**

EDUCATION

Bachelor of Technology in Information Technology   CGPA: 8.2/10
Yeshwantrao Chavan College of Engineering, Nagpur   *2020 – 2024*