

Professional Summary

Software Engineer with over 2+ years of experience specializing in Full Stack application's and AI engineering. Shipped 5 production products at Partex.AI including multi-agent LLM systems and enterprise SaaS platforms with measurable wins like 35% latency reduction and cutting regulatory doc processing from weeks to hours.

EDUCATION

Fergusson College Master of Science (Computer Science)	Pune, India May 2024
Modern College of Arts, Science & Commerce Bachelor of Science (Computer Science)	Pune, India May 2022

Technical Skills

Languages: Javascript, Python, Java, SQL, C++, C
Frameworks and Tools: NodeJS, React, NextJS, ExpressJS, Spring Boot, Docker, Three.js, Django, Flask, LangGraph, LangChain, Angular
Other: MongoDB, SQL, PostgreSQL, Firebase, MySQL, GraphQL, AWS, GCP, Data Structures, PySpark, Airflow, Kafka, ETL, TensorFlow, PyTorch, Matplotlib, XGBoost, Scikit, WCAG, Jest, RabbitMQ, CI/CD, Git, NumPy, Pandas

WORK EXPERIENCE

Partex.AI (formerly Innoplexus) Associate Software Engineer	Pune, India August 2024 – Present
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- Asset42 (Next.js, Node.js, MongoDB, GraphQL, Docker, Redux)
- Built a **web app for visualizing pharmaceutical drug assets, used by 30+ enterprise clients.**
 - Developed optimized **REST and GraphQL APIs for high-performance data retrieval.**
 - Implemented API debouncing and **WebSocket** data streams, reducing backend latency by 35%.
 - Designed **interactive dashboards with charting libraries** and secure authentication via **Auth0**.
- Meta D3 (Redis, Docker, Elasticsearch, React, TypeScript, Node.js, gRPC, NextJS)
- Implemented a **Redis-based job queue to manage task scheduling** and prioritization efficiently.
 - Integrated Auth0 authentication for 100+ users and reduced load time by 50% using **lazy loading**.
 - **Containerized microservices with Docker** for scalable and consistent deployments.
 - Developed APIs and dashboards using **React, TypeScript, Node.js**, and multiple analytics charting libraries.
- TranslateKaro (Next.js, Auth0, LangGraph, TanStack Query, Node.js, Payment Gateway)
- Built a SaaS platform for translating large documents using **AI + RAG pipelines and agentic flow.**
 - Developed responsive **Next.js interfaces and a custom editor for real-time document editing and previewing.**
 - Integrated an **AI chatbot assistant** for translation refinement and **contextual support.**
 - Implemented backend APIs, Auth0 authentication, and scalable data flows with **TanStack Query.**
- AI-ctd (Next.js, Auth0, LangGraph, TanStack Query, Node.js, Weaviate, Flask, Fast API)
- Built an **automated CTD generation system** to convert multiple regulatory docs into **structured CTD modules.**
 - Created a **RAG + vector search pipeline** for accurate content retrieval.
 - Designed **multi-agent workflows** for extraction, validation, and assembly **cutting creation time from weeks to hours.**
 - Developed the full frontend and some backend modules for **uploads, tracking, and review.**
 - Added **guardrails, QA loops, and performance optimizations for accuracy and reliability.**

- Submission Assistant (React, Redux, MSAL, Next.js, Python, Django, SQL)
- Built core frontend features for a compliance automation tool that reduced legal/finance documentation effort by 70%, improving response time to government notices.
 - Developed responsive React interfaces from Figma designs, optimizing Redux state flows to enhance performance and user engagement.
 - Engineered a custom in-app editor for real-time interaction with PDF/DOCX documents, enabling efficient creation and refinement of submission files.

Omniscient Software Pvt. Ltd. Project Trainee Intern	Pune, India Jan 2024 – May 2024
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- Led end-to-end development of payments and account-processing modules within the FS App, **improving overall transaction processing efficiency by 20%.**
- **Designed and implemented** a multi-format **account-statement processing system**, enabling ingestion of ICORE and other file types to generate detailed statements and track 1,000+ transactions with higher accuracy.
- Optimized the payments pipeline to support client submissions in multiple PAIN (ISO 20022) formats, increasing throughput and ensuring seamless conversion of 1,000+ files per day into bank-specific formats for automated downstream integration.

Achievements

- Ranked 3rd in “Navonamesh -State Level Software Project Competition”
- Have 22k+ followers on LinkedIn