

Vishist Pandey

CTO | AI/ML Engineer | Full Stack

[Email](#) | [Linkedin](#) | [Github](#)

PROFESSIONAL SUMMARY

CTO and AI engineering leader who took a product from Figma to live enterprise deployment in under 3 months now processing 150,000+ call recordings per week under a £30K/month enterprise contract. In under 3 years post-graduation, progressed from Data Scientist to CTO by consistently delivering beyond job title: building LLM pipelines, designing cost-optimised cloud infrastructure, leading 15-person cross-functional teams, and closing enterprise clients. Equally at home writing production code as presenting architecture to stakeholders or engaging clients. The trajectory from data science to AI engineering to CTO is deliberate; each role added a layer (data → AI → product → business) that now makes for a rare, full-stack technology leader. Seeking CTO, VP Engineering, or senior AI/ML roles at ambitious mid-size technology companies worldwide.

TECHNICAL SKILLS

Languages & Frameworks: Python, SQL, JavaScript, React, Next.js, Node.js, FastAPI

AI / ML: LangChain, LlamaIndex, OpenAI API, Anthropic API, Hugging Face, Scikit-learn, TensorFlow, OCR

Data & Cloud: BigQuery, PostgreSQL, MongoDB, AWS, GCP, Pandas, NumPy

DevOps & Tooling: Docker, CI/CD pipelines, Git, Tableau, Oracle CRM

Leadership: Cross-functional team leadership (15 people), hiring, mentorship, stakeholder communication

PROFESSIONAL EXPERIENCE

Chief Technology Officer Sep 2025 – Present

Qwikgig Auditsail (auditsail.com) | India / UK

- Took Auditsail an AI-powered marketing compliance SaaS for FCA-regulated businesses from Figma designs to a fully live product in under 3 months, owning the entire technical journey end-to-end.
- Secured and currently serving a £30K/month enterprise contract, processing 150,000+ call recordings per week in production with infrastructure architected to scale to millions of recordings without re-engineering.
- Led a 15-person cross-functional team (AI, frontend, backend, DevOps) introduced structured engineering processes and unique team workflows that eliminated bottlenecks, improved delivery predictability, and accelerated release velocity significantly.
- Architected the full-stack product: Next.js/React frontend, Node.js/FastAPI backend, and AI/LLM pipelines for transcription, compliance analysis, and automated approval routing across regulated partner networks.
- Drove integrations with 15+ enterprise platforms including Twilio, Zoom, MS Teams, Genesys, Five9, Meta, TikTok, and Google Workspace enabling seamless enterprise adoption from day one.
- Engaged directly with enterprise clients and stakeholders to translate regulated business requirements into technical architecture bridging commercial needs and engineering execution at every stage.
- Worked hands-on across backend, frontend, and AI architectures; evaluated and experimented with a broad set of tools and frameworks to identify the most effective, cost-efficient solutions for each layer of the stack.
- Reduced SonarLint issues to zero and achieved 50%+ test coverage across the codebase, establishing quality standards uncommon in early-stage startups.
- Partnered with DevOps to design a cost-optimised cloud infrastructure that supports high-throughput processing while keeping operational costs commercially viable at scale.
- Defined AI model selection criteria prioritising output quality and cost efficiency guiding the AI team to solutions that maximised compliance accuracy while minimising inference spend.

Artificial Intelligence Engineer Mar 2025 – Sep 2025

Qwikgig | India

- Built and led a 3-person AI team with full-cycle ownership from architecture to production deployment.
- Designed a scalable pipeline to ingest international call centre recordings, transcribe audio, perform compliance checks, and auto-sync results into the CRM reducing manual workload by 90%.
- Developed LLM-powered internal chatbot integrated into the CRM dashboard, delivering real-time operational analytics to stakeholders.
- Implemented OCR functionality to autonomously extract and integrate structured data from unstructured documents into core business systems.

Data Scientist Sep 2024 – Feb 2025

Anagram Media Labs | Delhi, India

- Designed and deployed automated data scraping pipelines, scaling the database from 0 to 4.5M records in 6 months.
- Built and managed Instagram data pipelines delivering actionable business intelligence for growth strategy.
- Recruited and led a 5-member tech team, increasing productivity by 35% through structured mentorship and task delegation.
- Partnered with DevOps to implement CI/CD pipelines and containerise ML models, cutting deployment time by 40%.
- Developed predictive models on real-time data streams; acted as the bridge between technical teams and business stakeholders.

Data Scientist Feb 2024 – Aug 2024

Ubamarket Ltd | London, UK

- Built BigQuery data pipelines improving processing efficiency by 25% and data accuracy by 30%.
- Integrated LLM APIs to develop a product recommendation engine, contributing to an 18% uplift in sales.
- Enhanced app features with LLM-powered personalisation, driving a 15% increase in user engagement.
- Tracked basket-level metrics and delivered analytical insights that informed cross-functional decision-making.

Sales Advisor & Analyst Jun 2023 – Apr 2024

Vodafone | Stratford-Upon-Avon, UK

- Consistently exceeded monthly sales targets by 150%, meeting all KPIs every quarter.
- Built and maintained Tableau dashboards for store and employee performance, improving business efficiency by 18%.
- Trained team members in sales techniques, boosting overall department performance by 30%.
- Leveraged Oracle CRM for account management and contributed to strategic planning sessions with stakeholders.

EDUCATION

MSc Data Science Jan 2022 – Jan 2023

Coventry University, UK - Reached CTO level within 2 years of graduation

BTech Mechanical & Automation Engineering Aug 2018 – Aug 2021

Guru Gobind Singh Indraprastha University, India

Diploma in Mechanical Engineering Jul 2014 – Jul 2017

Muchhala Polytechnic, India