

VISHESH PANDEY

CONTACT

🏠 Noida, India

☎ +91 9650370653

✉ developer.vishesh@gmail.com

📄 vishesh-pandey-8898a410b

SKILLS & COMPETENCIES

- React.js & Next.js
- Node.js & Fast API
- PostgreSQL
- RAG & Vector Databases
- Google Vertex AI
- OpenAI SDK & Agent SDK
- Multi-Agent System Design
- Conversational AI Systems
- System Design & Architecture

CERTIFICATIONS

- Azure AI Fundamental
- AWS Cloud Practitioner
- Microsoft Azure Fundamentals

Seasoned Full-Stack AI Engineer with 8+ years of experience designing and delivering scalable, high-impact digital solutions. Proven ability to build end-to-end systems, optimize performance, and solve complex engineering problems. Known for driving measurable business outcomes through thoughtful architecture and execution. Specializes in turning ambitious ideas into reliable, production-grade solutions at scale.

WORK EXPERIENCE

Senior Consultant

Ernst and Young LLP, Noida

- Led end-to-end development for a Generative AI-powered chatbot in the electronics industry, owning both frontend and backend components. Implemented Vertex AI-based RAG pipelines with vector databases to enable accurate, context-aware, real-time conversational experiences at scale.
- Collaborated with a core product team to build a no-code/low-code multi-agent platform, contributing across frontend design, backend orchestration, and agent workflow management. Supported Chrome-based integrations at the product level while building scalable agent systems using Google ADK, OpenAI Agent SDK, and PostgreSQL for state and data persistence.
- Built AI-driven customer engagement systems across voice and WhatsApp channels, integrating conversational interfaces with backend AI workflows. Enabled automated, multi-channel interactions using RAG-based knowledge retrieval and AI agent orchestration, improving engagement efficiency and response reliability.
- Led frontend architecture and delivery for a large-scale E-commerce platform, driving performance optimization, responsive UI design, and seamless user journeys to support high traffic and conversion-focused workflows.
- Headed frontend development for an ERP system in the cementation industry, translating complex operational workflows into intuitive, scalable user interfaces used across multiple business units.
- Designed and led the frontend for an industry-specific painting application, enabling streamlined product selection, visualization, and workflow management tailored for the painting ecosystem.

Manager Technology

Decimal Technologies Private Limited, Gurugram

- Led cross-functional teams and coordinated closely with business and technical stakeholders, overseeing product development from concept through production deployment.
- Presented technology and architecture business cases to the IT Architecture and leadership teams, securing solution approvals and contributing to reduced operational and implementation costs.
- Ensured on-time delivery of new features and releases, consistently meeting committed timelines and quality benchmarks.
- Built and managed multiple engineering teams across Mobile (Android, Flutter) and Web development, driving delivery excellence and technical consistency.
- Mentored and trained team members on product engineering best practices, development processes, and delivery standards, strengthening overall team capability.
- Designed, implemented, and maintained CI/CD pipelines for Android and Flutter applications using Jenkins, improving release reliability and deployment efficiency.

Software Developer

Jai Sustainability Solution & Co.

- Developed Android applications following the MVP (Model-View-Presenter) architecture, ensuring clear separation of concerns and improved maintainability and scalability.
- Contributed to IoT solution development, implementing the MQTT protocol to enable reliable, real-time communication between connected devices.
- Collaborated closely with business and technical stakeholders to translate business requirements into functional specifications, ensuring alignment, usability, and successful project delivery.
- Wrote and maintained unit tests and Espresso UI tests to ensure code quality, reliability, and long-term stability across Android applications.
- Designed and implemented Node.js-based backend services for IoT systems, leveraging Mosca and Aedes MQTT brokers to support efficient message handling and real-time data processing.

EDUCATION

B-Tech (IT)

B.S.A.I.T.M, 2016

12th

S.B.R.L Public School, 2012

10th

Gyandeep Public School, 2010