Shubham Maurya

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Summary

AI Full-Stack Engineer with 2.5+ years building production AI products end-to-end — LLM/RAG systems, AI agents and voice automation, FastAPI/Next.js platforms, and cross-platform mobile apps published to both the Apple App Store and Google Play. Experienced across the full delivery lifecycle: architecture, backend microservices, frontend, DevOps/CI-CD, third-party integrations (QuickBooks, Stripe, Zoho, Zapier) and mobile store release & compliance. Works remotely with US-based and international clients across time zones.

Education

- **Dr. A.P.J. Abdul Kalam Technical University** — Lucknow, India
  B.Tech - Computer Science and Engineering — SGPA: 7.51 — *Nov 2022 – Jun 2026*
  Relevant Coursework: *Data Structures, Algorithms, DBMS, Operating Systems, Computer Networks, Artificial Intelligence*

Skills

- **Languages**: Python • Go • JavaScript • TypeScript • Dart • SQL • NoSQL
- **AI & LLM Stack**: Generative AI • OpenAI • Claude • Gemini • LangChain • RAG Architecture • Vector Databases • Embeddings • Prompt Engineering • AI Agents • Multi-Agent Systems • Voice AI • MCP
- **Backend & APIs**: FastAPI • Node.js • Go • Microservices • WebSockets • RESTful APIs • GraphQL • Celery • Webhooks
- **Frontend**: Next.js • React • TypeScript • Tailwind CSS • Three.js • React-Three-Fiber • Framer Motion
- **Mobile & App Publishing**: React Native • Expo • Flutter • App Store Connect • Google Play Console • TestFlight • EAS Build • In-App Purchases • Push Notifications • Store Review & Privacy Compliance
- **Databases & Cloud**: PostgreSQL • MongoDB • Supabase • Redis • Pinecone • GCP • AWS • Azure • Vercel
- **DevOps & Infrastructure**: Docker • Kubernetes • Helm • k3s • CI/CD • GitHub Actions • CircleCI • Nginx
- **Integrations & Platforms**: Stripe • Razorpay • QuickBooks • Intuit • TSheets • Zoho Bigin • Zoho Analytics • Calendly • n8n • Make • Zapier

Experience

- **Techbrig** — Remote
  Full-Stack & AI Developer — *Mar 2026 – Present*
  - **Scope**: Build the firm's internal AI products and partnership client projects end-to-end — core contributor on *Visneo.ai* (AI agent platform) and led a two-month upgrade of *Axiom Global's* recruiting platform
  - **Focus**: LLM agent systems, AI voice-calling automation, and telephony/CRM integrations on a Next.js + FastAPI stack
  - **Delivery**: Work with US-based and international clients across time zones, contributing actively to company repositories

- **AgentLabs** — Remote, US Agency
  Full-Stack & Mobile App Developer — *2025 – Present*
  - **Mobile**: Published 3 production apps to both the Apple App Store and Google Play — *FreshSnap AI*, *Old Photo Animator AI* and *Career Craft* — owning the full release process: code signing & provisioning, App Store Connect submission, privacy nutrition labels, data-safety declarations, review remediation and staged rollouts, with React Native, Expo and Flutter
  - **AI & Web**: Deliver client AI products and websites — RAG assistants over business documents, Stripe credit billing, and n8n/Zapier automation — plus the agency site and its automated SEO blog engine
  - **Engagement**: Remote contributive partnership with a US-based AI & automation agency, shipping toward its product portfolio

- **Xoidlabs (Experience Letter)** — Remote
  AI Software Engineer — *Jan 2026 – Jun 2026*
  - **Products**: Built core modules for *Directure*, an AI film-production platform, and shipped features on *Recapi.ai*, cutting response latency by 20%
  - **Client Delivery**: Directed end-to-end delivery of the *Trukoder* platform plus websites, portals and admin panels for real-estate and cleaning-service clients; orchestrated 10+ automation workflows across CRMs and marketing platforms, reducing manual effort by 40%, integrating QuickBooks, Intuit, TSheets, Calendly and Zapier
  - **Real-time AI Systems**: Architected Go + FastAPI microservices handling real-time AI analytics via WebSockets, deployed on Azure with Docker and CircleCI

- **ArkaHub (Internship Experience Letter)** — Remote
  Full-Stack & Automation Lead — *Jun 2025 – Jan 2026*
  - **Automation & Platform**: Spearheaded a Zoho pipeline integrating 3+ systems (Sheets, Bigin, Analytics), reducing manual processing by 50%, and delivered a Next.js portal increasing engagement by 25%
  - **Engineering**: Engineered a Python-based roof extraction system for monthly solar designs and integrated Stripe billing with real-time AI pipelines on FastAPI + GCP
  - **DevOps & CI/CD**: Established CI/CD pipelines across AWS and Vercel, reducing deployment time by 35%

- **Monkey Science (Internship Experience Letter)** — Remote, Bangalore
  Full-Stack Developer Intern — *Nov 2023 – Jun 2025*
  - **Microservices Architecture**: Architected 8 FastAPI microservices automating invoicing workflows via Zoho Books
  - **Admin Dashboard**: Built centralized admin panel improving backend efficiency by 30%

Projects

- **Visneo.ai — AI Agents for Grocery Operations *(Techbrig)***: AI-agent platform replacing operational tooling for independent grocery operators. Built the Operations agent covering demand forecasting, inventory levels, markdown timing and an automated weekly briefing, and the Finance & Compliance agent automating bookkeeping and reconciliation. Stack: Next.js, FastAPI, PostgreSQL, LLM agent orchestration
- **Directure — AI Film Production Platform *(Xoidlabs)***: AI-powered movie-making platform positioned as an operating system for hybrid filmmaking. Built the invoicing and budget-tracking module, and the scripting/screenplay breakdown engine that parses a screenplay into tagged production elements — props, wardrobe, set dressing, makeup and vehicles — which feed downstream scheduling, call sheets and continuity checks. Stack: Next.js, FastAPI, LLM parsing pipeline
- **Recapi.ai — AI Employee Platform *(Xoidlabs)***: AI-agent platform deploying trained digital workers for sales outreach, meeting management and voice support across healthcare, finance, retail and real-estate workflows. Shipped product features and cut response latency by 20%
- **FreshSnap AI — Pantry & Recipe AI *(AgentLabs)* — iOS & Android**: Cross-platform app published to iOS and Android. AI vision auto-detects and logs items from pantry, fridge, shopping cart, receipt and barcode photos without the user selecting a source type. Tracks expiry with timed notifications, generates diet-aware recipes (vegetarian, vegan, gluten-free, keto, halal) that prioritise soon-to-expire ingredients, ships a 246-recipe cookbook with nutrition breakdowns, guided cook mode with timers auto-parsed from instructions, meal planning and aisle-sorted shopping lists, plus optional cloud sync. Stack: React Native, Expo, AI vision, Supabase
- **Old Photo Animator AI — Restore, Colorize & Animate *(AgentLabs)* — iOS & Android**: Cross-platform generative-AI app published to iOS and Android. Repairs scratches, tears, dust, blur and noise while preserving facial detail; colorizes black-and-white and sepia photos with realistic skin tones; animates still portraits into short HD videos. One-tap flow with no sign-in, watermark-free export, and credit-based in-app purchase billing instead of subscriptions. Stack: React Native, generative video models, IAP billing
- **Career Craft — AI Interview Prep *(AgentLabs)* — Android**: Android app for practising AI-driven mock interviews, exploring jobs and preparing for career moves. Shipped through the full Play Console pipeline — signing, store listing, data-safety declarations and staged rollout
- **QuickBooks + PDF RAG Assistant *(AgentLabs client delivery)***: Retrieval-augmented chatbot ingesting PDF documents and QuickBooks XML exports into a vector store, then answering finance and operations questions grounded in that context with citations back to the source records. Stack: LangChain, vector DB, FastAPI, Next.js
- **AgentLabs Website & Auto Blog Engine *(AgentLabs)***: Built the agency website plus an automated blog pipeline that generates, formats and publishes SEO posts on a schedule — keeping the content engine running with no manual writing or deploys. Stack: Next.js, LLM content generation, Vercel
- **Printify MCP Server *(Personal)***: Architected MCP server exposing 59 tools including product APIs, AI design generation (Gemini + Replicate), image processing, Etsy keyword research and webhook automation
- **SecretEcho Plugin Generator *(Personal)***: Engineered AI-powered WooCommerce plugin generator with real-time WebSocket streaming, Monaco editor, credits system and admin dashboard, reducing manual development effort
- **Kuber WebStore *(Personal)***: Designed Kubernetes-native multi-tenant WooCommerce platform with namespace-per-store isolation, RBAC, NetworkPolicies, Helm deployments and crash recovery
- **Trading Bot *(Personal)***: Implemented trading system with backtesting (60% win rate), multi-timeframe strategies, Kelly Criterion position sizing and AI-based sentiment signals, deployed on Azure
- **CRM Chrome Extension *(Personal)***: Built Chrome extension enabling real-time ActiveCampaign CRM data synchronization, advanced search and CSV/JSON export
- **n8n Automation Workflows *(Personal)***: Automated 7 production workflows for invoicing, lead capture, social auto-posting and AI-driven responses
- **IndiaExplorer *(Personal)***: Launched travel booking platform with Razorpay payments, rewards system and automated notifications on Next.js 14 + Supabase

Certifications

- **Responsive Web Design**: FreeCodeCamp – 300-hour certification (View)
- **JavaScript Algorithms and Data Structures**: FreeCodeCamp – 300-hour certification (View)
- **Front End Development Libraries**: FreeCodeCamp – 300-hour certification (View)
- **Data Analysis with Python**: FreeCodeCamp – 300-hour certification (View)