

Pardeep Saini

FULL STACK DEVELOPER

+91 72062-81884 | pardeepsaini54321@gmail.com | [LinkedIn](#) | [GitHub](#) | [pardeep.engineer](#)

SUMMARY

Full Stack Developer with 5 years building production SaaS on TypeScript, React/Next.js, and Node.js/FastAPI. Ships end-to-end — from PostgreSQL/MongoDB schemas to CI/CD on AWS and Azure — including multi-tenant B2B platforms, real-time systems, and enterprise data pipelines at scale. Strong AI/LLM focus: production RAG pipelines (LangChain, vector search on Pinecone & pgvector), multi-provider LLM integrations, and Model Context Protocol (MCP) tooling. Leads delivery and mentors junior engineers across concurrent client projects.

TECHNICAL SKILLS

Languages	TypeScript, JavaScript (ES6+), Python, SQL, HTML, CSS
Frontend	React.js, Next.js, React Native, Expo, Tailwind CSS, shadcn/ui, TanStack Query, Zustand
Backend	Node.js, Express.js, NestJS, FastAPI, GraphQL, REST APIs, Socket.IO, WebSockets, Redis pub/sub
AI / LLM	OpenAI, Anthropic Claude, Groq, Azure OpenAI, LangChain, RAG, semantic / hybrid search, RAGAS, FastMCP (MCP)
Databases	PostgreSQL, pgvector, Pinecone, MongoDB, Microsoft SQL Server, Redis, Sequelize
Cloud & DevOps	AWS (EC2, S3, Lambda, SES), Azure (Service Bus, Blob, Key Vault, SWA), Docker, CI/CD, APM & log aggregation, Vercel, Netlify
Auth & Tooling	JWT, OAuth 2.0, Clerk, WebAuthn / passkeys, MFA, Git & GitHub, Salesforce REST API, Chargebee, Swagger, Datadog

EXPERIENCE

Cloud Analogy — Full Stack Developer

Sep 2021 – Present

Assistant to Lead Developer · delivering full-stack applications for global product & B2B clients

- Built and shipped 10 full-stack applications (React/Next.js + Node.js/FastAPI) for 10 client organizations, owning features from database design through production deployment.
- Architected multi-tenant, real-time, and enterprise data-sync platforms — including RAG/AI systems — handling large-scale throughput and compliance-grade requirements.
- Optimized query and retrieval performance across analytics- and AI-heavy workloads, cutting latency and infrastructure cost by 15% through caching, parallelization, and instance tuning.
- Built CI/CD pipelines with review → staging → production promotion, one-click releases, and safe rollback on AWS and Azure.
- Mentored 5 junior developers on React/Next.js and code-review practices; served as assistant to the lead across concurrent client engagements.

SELECTED PROJECTS

AI-Powered Knowledge Assistant — Enterprise RAG Platform

CLIENT · CLOUD ANALOGY

Role: Architect / Lead Developer

React · Next.js · TypeScript · Node.js · LangChain · OpenAI & Anthropic Claude · PostgreSQL + pgvector · Pinecone · Redis · S3 · Docker

- Architected an end-to-end RAG pipeline (ingestion → chunking → embedding → indexing → retrieval → answer synthesis) letting organizations chat with their own document corpus via natural language with inline citations.
- Ran vector search at scale on both Pinecone and Postgres/pgvector, with hybrid semantic + BM25 keyword retrieval for high recall on domain-specific jargon.
- Built a streaming React chat UI with token-by-token rendering and source citations bound to underlying records; cut median query latency from 8s to under 2s via Redis caching and parallelized retrieval.
- Built a RAGAS evaluation harness measuring faithfulness and answer relevance, so AI features shipped on measured quality rather than guesswork.

Enterprise Data Sync Platform — React Admin Console at Scale

CLIENT · CLOUD ANALOGY

Role: Lead Engineer

React · Node.js · Express · PostgreSQL · Salesforce REST API · private network spaces · encrypted Postgres · pipeline CI/CD

- Built a real-time bidirectional sync platform giving a Fortune-500 client a queryable mirror of their CRM data — 10,000+ record syncs/hour across a 40+ object mapping schema with explicit conflict-resolution rules.
- Built a React admin console over high-volume data with server-side pagination, filtering, and virtualized rendering.
- Deployed into network-isolated private spaces with encrypted, audit-logged storage for compliance; ran review → staging → production with one-click releases and safe rollback.
- Integrated 7+ third-party services (monitoring, logging, error tracking, email, caching, scheduled jobs); mentored 3 junior developers.

Field-Service Operations Platform — Dispatch Console + Mobile

CLIENT · CLOUD ANALOGY

Role: Full-Stack Lead

React · React Native · Node.js · Express · PostgreSQL · Redis · WebSockets · Expo · Firebase Cloud Messaging · CI/CD

- Built a data-dense React operations dashboard for live job tracking, technician assignment, and SLA reporting, with filtering, status overlays, and drill-down detail panels.
- Streamed live position and job-status updates over WebSockets with Redis pub/sub, keeping multiple server instances in sync.
- Shipped an offline-first React Native client with local queueing and conflict-resolved sync for remote, low-signal field sites.
- Tuned instance sizing and concurrency for a 60% infrastructure cost reduction; integrated APM and log aggregation for production observability.

DocuMind — AI Document Intelligence Platform

PERSONAL

Next.js 15 · TypeScript · FastAPI (Python 3.12) · MongoDB · Redis · Docker · FastMCP

- Built a full-stack platform for structured data extraction from PDF, DOCX, XLSX, and CSV files via LLMs, with a pluggable multi-provider adapter (Groq, OpenAI, Anthropic) users switch per extraction.
- Engineered an async job pipeline (Redis + ARQ) with real-time status over WebSockets, plus a sandboxed engine for user-defined JavaScript/Python transformations.
- Exposed extraction results as MCP tools via FastMCP for direct use in Claude Desktop and Cursor; containerized all services with Docker Compose.
- Implemented an OCR pipeline (PyMuPDF + Tesseract), MinIO S3-compatible storage, JWT auth with refresh tokens, and a team/workspace permissions system.

ChannelHub — Multi-Tenant B2B Reseller & Channel Operations Platform

CLIENT · CLOUD ANALOGY

Node.js · Express · PostgreSQL · Sequelize · Socket.IO · Azure · Chargebee

- Designed a multi-tenant REST + Socket.IO API supporting quotes, opportunities, contracts, sales orders, invoices, and licensing across isolated tenant environments.
- Integrated Chargebee billing with HMAC-verified webhook ingestion, DB sync, org-level license reconciliation, and real-time subscription/feature payloads pushed to connected clients.
- Built async processing on Azure Service Bus with a dedicated queue processor for long-running jobs, relaying live progress over WebSockets.
- Added production observability (Winston logging, Datadog dd-trace) and security patterns (Clerk, JWT, MFA, raw-body webhooks, Zod validation; Swagger docs).

Additional Client Projects (via Cloud Analogy)

- **SoundAuth** — Passwordless auth platform. Built passkey/WebAuthn authentication with a secure Node.js API and responsive frontend. [Node.js](#), [WebAuthn](#)
- **Threat Insight** — Cybersecurity threat-intelligence platform. Led development of a real-time dashboard UI for high-volume threat visualization and analysis. [React.js](#), [Next.js](#)

EDUCATION

Master of Computer Applications (MCA)

Jun 2019 – Jun 2021

Chandigarh Group of Colleges, Landran, Mohali, Punjab — CGPA: 7.29

Bachelor of Computer Science

Jun 2016 – Jul 2019

Govt College Barwala, Panchkula, India

AWARDS & CERTIFICATIONS

- **Multitask Maestro Award**, Cloud Analogy — for excelling at handling multiple concurrent projects and delivering high-quality results.
- **Programming in C/C++** — Internshala · **Node.js** — LearnCodeOnline.in