

DHARMVIR DHARMACHARYA

Full Stack Engineer & Team Lead | AI Systems Architect

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Full-stack engineer and team lead with 5+ years designing, **building, and owning scalable**, secure, enterprise-grade systems. At EMB Global, led the end-to-end architecture of an AI-powered hiring platform serving 50+ enterprise clients - delivering a 90% reduction in hiring turnaround and **\$6.8M+ revenue pipeline**. Deep hands-on expertise in **LLM and RAG** integration (OpenAI, Anthropic Claude, LangGraph), Python/Flask backends, React/Next.js frontends, and cloud infrastructure (AWS, Azure). Experienced in defining technical roadmaps, enforcing engineering standards, and **mentoring teams of up to 15 engineers**. Proven ability to translate complex business requirements into clear, maintainable systems while balancing architectural rigour with fast-paced delivery.

CORE EXPERTISE

Frontend	React.js, Next.js (App Router), TypeScript, JavaScript ES2023+, Redux Toolkit, TanStack Query, Tailwind CSS, Shadcn UI, Material-UI
Backend	Python, Flask, FastAPI, REST APIs, PostgreSQL, Supabase, MongoDB, Redis, Vector DB, AWS (S3, Lambda)
AI / LLM	OpenAI API, Anthropic Claude, OpenRouter SDK, RAG Architecture, LangGraph, LangChain, Open Router, Prompt Engineering, LLM Chatbots
Cloud & DevOps	AWS, Azure, Docker, CI/CD Pipelines, GitHub Actions, Firebase,
Architecture	System Design, Micro Frontend, API Design, Technical Roadmaps, Code & Architecture Reviews, Performance Optimisation
Leadership	Team Mentoring (15 engineers), Engineering Standards, Agile/Scrum, Sprint Planning, Hiring & Onboarding

PROFESSIONAL EXPERIENCE

Software Developer Engineer-3 (SDE-3) | EMB Global, Gurugram Apr 2025 – Present

- **Owned end-to-end architecture** and technical roadmap for an AI-first talent acquisition platform serving 50+ enterprise clients, **reduced hiring turnaround by 90%** and **generated \$1.8M+** in new revenue pipeline.
- Defined and enforced engineering standards for code quality, testing, observability, and performance; introduced shared component libraries that improved sprint velocity by 40%.
- Led, mentored, and grew a team of **6–15 engineers** and conducted architecture reviews, code reviews, and hands-on pairing to elevate team-wide engineering standards.
- **Architect and implemented RAG-based AI hiring assistant** (OpenAI, OpenRouter SDK) generating job descriptions and requirements documents - cutting manual effort by 50%.
- Designed scalable, reusable frontend and backend systems achieving consistent 95+ Lighthouse scores through code splitting, lazy loading, and image optimisation.
- Translated business and stakeholder requirements into actionable technical roadmaps and delivery plans; aligned cross-functional teams across product, engineering, and client success.

Software Developer Engineer-2 (SDE-2) | EMB Global, Gurugram Jul 2024 – Mar 2025

- **Architected Artha Admin Dashboard** — a multi-tenant CRM managing \$5M+ in active deals with real-time tracking, role-based access control (**RBAC**), and enterprise-grade security patterns.
- Designed and built AI-driven BRD Generator using OpenAI API, enabled natural language specification creation, **reducing client onboarding time by 60%**.
- Designed RESTful API integrations between Python/Flask backends and Next.js frontends, enforcing separation of concerns and reusable components..
- **Delivered features 25% faster** than prior iterations through iterative Agile workflows, tight scoping, and close cross-functional collaboration.

Software Developer Engineer-1 (SDE-1) | EMB Global, Gurugram Dec 2022 – Jun 2024

- Built SNABBCOM - a production e-commerce platform enabling merchants to launch fully functional stores within 24 hours using React, REST APIs, and responsive design.
- End to End development of the KAM Dashboard (Next.js 13, Redux Toolkit, Tailwind CSS) from scratch; defined component architecture and data-fetching standards adopted team-wide.
- Developed an XDR security monitoring dashboard with real-time data visualisation and automated system alerting capabilities.

Software Engineer (Azure Data Engineering) | Infogain India Pvt. Ltd. , Noida Apr 2021 – Dec 2022

- Built cloud-based data pipelines and enterprise integrations on Azure, gaining hands-on experience with cloud infrastructure, data governance, and CI/CD practices.
- Developed internal web applications using Python, JavaScript, React, and Redux — establishing a cross-disciplinary full-stack foundation.

KEY PROJECTS & IMPACT

EMB Talent Platform

AI-powered end-to-end hiring platform with LLM-driven JD parsing, intelligent candidate matching, and automated interview scheduling. Owned architecture, technical roadmap, and team delivery. 90% faster hiring cycle, 95+ client satisfaction rating, \$1.8M+ revenue pipeline.

AI Requirements Generator (RAG-based)

Built using OpenRouter SDK and RAG architecture; enables product teams to generate structured technical specifications from natural language prompts. Streamlined client onboarding workflows by 60% and adopted across 50+ enterprise accounts.

Artha CRM & Project Management Suite

Multi-tenant enterprise CRM with real-time deal tracking, RBAC, project management, and audit trails. Manages \$5M+ in active deals; improved team efficiency by 30% and reduced payment delays by 20% across enterprise accounts.

On-Device AI Interview Tool

Privacy-first offline AI interview platform designed for mobile devices, enabling fully on-device interview execution with zero server dependency. Built adaptive questioning logic based on candidate experience, semantic answer evaluation, follow-up questioning, and RAG-powered question retrieval from a curated 500+ question dataset. Delivered secure, real-time interview assessments while ensuring complete data privacy.

CCTV-Based Attendance System

AI-powered facial recognition attendance platform that automates workforce check-ins through live CCTV feeds. Designed real-time face detection and recognition pipelines to track employee entry/exit with automated timestamp logging, eliminating manual attendance processes and reducing operational overhead while improving accuracy and security.

EDUCATION

Bachelor of Technology — Computer Science Engineering 2017 – 2021

DIT University, Dehradun | CGPA: 7.4

90% Faster Hiring · \$6.8M+ Pipeline · 50+ Enterprise Clients · 10-Engineer Team Lead · 95+ Lighthouse Score