ANKIT PAREKH

PRINCIPAL FRONTEND ARCHITECT | AI APPLICATION ARCHITECT

Mumbai, India | +91 99203 53532 | ankit77parekh@gmail.com

LinkedIn: linkedin.com/in/akkiparekh | GitHub: github.com/AnkitParekh007

Portfolio: ankitparekh007.github.io/resume/

PROFESSIONAL SUMMARY

Principal Frontend Architect and AI Application Architect with 14+ years of experience designing and delivering enterprise applications across Angular, React and Vue.js, with deep expertise in TypeScript, scalable frontend architecture and technical leadership. Experienced in leading engineering teams, defining architecture across multiple products, and building AI-powered applications using large language models (LLMs), retrieval-augmented generation (RAG), Model Context Protocol (MCP) and governed agent workflows. Architected SOP Co-Pilot, an enterprise AI assistant integrating frontend and backend services, approval-gated execution, auditability and evaluation-driven release practices. Also creator of ReboundOps, an open-source, local-first career recovery and job-search platform.

TECHNICAL SKILLS

Frontend Engineering & Architecture: Angular, React, Vue.js, TypeScript, JavaScript (ES6+), RxJS, Angular Material, AG Grid Enterprise, Component Architecture, Reusable UI Patterns, Performance Optimization, Responsive Design, Internationalization (i18n)

AI & Agentic Systems: Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), Model Context Protocol (MCP), AI Agents, Agent Orchestration, Tool Calling, LLM Routing, Human-in-the-Loop Approvals, AI Evaluations, Streaming AI Interfaces

Backend & Data: Node.js, NestJS, Next.js, Python, REST APIs, Supabase, PostgreSQL, pgvector

Cloud, DevOps & Quality: AWS, Docker, Kubernetes, CI/CD, Playwright, Automated Testing, Release Engineering

Architecture & Engineering Leadership: Enterprise Application Architecture, System Design, Integration Contracts, Technical Leadership, Cross-Product Architecture, Engineering Delivery

PROFESSIONAL EXPERIENCE

Bluemeteor (formerly Codifyd) | Frontend Architect

Sep 2022 – Oct 2026 | Remote, India | US-based product-content platform (PIM/PXM/DAM)

- Architected and delivered SOP Co-Pilot, an Angular/NestJS enterprise AI assistant deployed to production and used by 10 client organizations, with retrieval-backed answers, governed tool execution and human approval gates.
- Engineered evaluation-driven agent workflows with deterministic planning, read/write risk classification, failure recovery and per-run audit logging.
- Introduced AI-assisted product-data mapping across 2 enterprise applications, replacing repetitive field-by-field work with reviewable suggestions and bulk acceptance.
- Eliminated a multi-minute interface freeze by reducing lookup operations from approximately 551 to 40 (92.7% fewer lookup operations) on the affected screen.
- Owned enterprise data-grid architecture, frontend integration contracts and multi-environment release pipelines.

Forto GmbH | Senior Frontend Engineer

Sep 2021 – Sep 2022 | Berlin, Germany | Digital freight forwarding

- Delivered shipment-visibility dashboards, exception-handling interfaces and logistics workflows supporting 3 user groups: operations, customers and partners.
- Contributed to cross-functional frontend architecture and engineering delivery for a digital freight-forwarding platform.

PROFESSIONAL EXPERIENCE (CONTINUED)

Codifyd — Amazon Client Engagement | Team Lead

2018 – 2021 | Mumbai, India | Product information management

- Led 7 developers and directed frontend architecture across 3 enterprise applications: retailer PIM, supplier portal and BridgeWeb.
- Standardized Angular module boundaries, reusable UI components and integration contracts across enterprise applications.
- Coordinated technical decisions and engineering releases with DevOps and platform teams, including CI/CD and build tooling.

Earlier Professional Experience | Frontend Engineering & Technical Leadership

2012 – 2018 | Zooty.in, Musafir.com, Verdantis, Capgemini, E10 InfoTech and Aambit Softwares

- Advanced from frontend development to technical leadership, contributing to customer-facing products, travel-booking platforms, enterprise data workflows and shared UI systems.

SELECTED OPEN-SOURCE PROJECTS

ReboundOps | Local-First Career & Job-Search Platform

Angular · TypeScript · Node.js · Playwright

- Created ReboundOps, an open-source, local-first platform for career recovery, job discovery, evidence-based role evaluation, application preparation and tracking.
- Implemented privacy-conscious workflows with optional AI assistance, controlled data persistence, local backups and automated browser testing.

GitHub: https://github.com/AnkitParekh007/rebound-ops

ngx-copilot-platform | Enterprise Angular AI Copilot SDK

Angular · TypeScript · Next.js · RAG · Supabase pgvector

- Developed a reusable Angular copilot SDK featuring typed streaming events, retrieval-backed citations, tool execution visibility and human approval interfaces.
- Enforced backend-owned authentication, retrieval and execution-policy boundaries, with deterministic failure and recovery testing.

GitHub: https://github.com/AnkitParekh007/ngx-copilot-platform

org-ai-force | Enterprise AI Agent Workspace Prototype

Angular 21 · NestJS · MCP · RAG · RBAC · Playwright

- Prototyped an enterprise agent workspace with frontend/backend authorization boundaries, governed tool workflows and administrative controls.
- Demonstrated agent interaction and resilience through approval rejection, tool denial, dependency failures and recovery scenarios.

GitHub: https://github.com/AnkitParekh007/org-ai-force

EDUCATION

Bachelor of Engineering (B.E.) in Computer Science | Atharva College of Engineering, University of Mumbai | 2013

SELECTED AI TRAINING & CREDENTIALS

LangChain Academy: LangGraph Essentials (TypeScript), Building Reliable Agents with LangSmith, Agent Observability & Evaluations.

Claude Academy: Model Context Protocol, Tool Use with the Messages API, Introduction to Evals.

OpenAI Academy: Design and Build Agentic Systems, Evaluate AI Applications, Build with Retrieval-Augmented Generation.

Full list of completed courses, certificates and badges: Portfolio