

Adhil Sha

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Summary

Full-stack engineer with 7+ years shipping production web applications, now focused on building AI-driven products end to end. My recent work has centered on LLM-powered features: agentic workflows, document intelligence pipelines, and AI integrations using Claude, OpenAI, and Gemini, backed by solid frontend (React, Vue.js) and backend (Node.js, Golang, Python) foundations. I have also built enterprise features like authentication, authorization, and role-based access control along the way. I am looking for a full-stack engineering role where I can own features from the model layer up through the interface, and I bring along a habit of writing clean code, mentoring teammates, and untangling messy real-world problems into software people can rely on.

Technical Skills

Languages: JavaScript, TypeScript, Golang, Python, SQL

Frontend: React, Vue.js, Next.js, Nuxt.js, Redux, Vuex, Tailwind CSS, Material UI, Vuetify, Radix UI, Ag Grid, Highcharts, TanStack Query, Webpack, Chrome Extension Development

Backend & APIs: Node.js, Golang, Python (FastAPI), REST APIs, GraphQL, gRPC, Authentication & Authorization, RBAC, SSO, OAuth 2.0, Auth0, Multi-Tenant Architecture, API Integrations (HubSpot, Zendesk, Linear, Jira)

AI & LLM Tools: LangChain, Langfuse, OpenAI Models, Anthropic Claude, Google Gemini, Vertex AI, Prompt Engineering, LLM Observability, Agentic Workflows, Document AI / OCR, Claude Code, Cursor AI, GitHub Copilot

Databases & Storage: PostgreSQL, MongoDB, DynamoDB, Firebase, Redis, Elasticsearch

DevOps & Observability: Docker, Jenkins, CI/CD, AWS, Google Cloud (Cloud Run, Vertex AI), Git, GitHub, New Relic, Grafana, Databricks

Testing & Tools: Cypress, Playwright, Unit Testing, End-to-End Testing, Agile/Scrum, Jira, Postman, Notion

Experience

Software Development Engineer 2 (SDE2), *Swiggy – Bangalore, India*

Jul 2025 – Present

- Worked on core features for Crew, Swiggy's AI-powered concierge app, contributing to agentic workflows that handle multi-step user requests with Sendbird powering the real-time chat layer.
- Helped set up LangChain-based orchestration pipelines and integrated Langfuse for LLM tracing, prompt version management, and latency tracking.
- Built the "Address Intelligence" feature that parses location cues from user messages and surfaces contextual UI widgets, reducing manual address entry.
- Built a document intelligence pipeline using Google Gemini Flash on Vertex AI: users upload identity documents (e.g., Aadhaar), the system extracts text via OCR, then auto-populates a dynamic form widget on the frontend.
- Worked on a restaurant recommendation engine that pulls from internal partner data and runs automated web lookups, with Elasticsearch powering fast, typo-tolerant search and Redis handling caching across features.
- Contributed to backend APIs and gRPC services in Golang with DynamoDB, alongside Python (FastAPI) microservices for AI-specific workloads, some deployed on Google Cloud Run.
- Worked on a Vendor Dashboard with advanced filtering, dynamic widget rendering, and date-range payment exports used daily by operations supervisors.
- Helped stand up telemetry pipelines (New Relic, Databricks, Grafana) and integrated MoEngage for push notifications on ticket creation and status changes.

Senior Software Engineer, *Impact Analytics – Bangalore, India*

Nov 2024 – Jul 2025

- Migrated existing UI components to a new shared UI component library, standardizing design patterns across the product and improving consistency and usability of key user flows.
- Worked on multi-tenant organization and user management, including role-based access control and audit logging so admins could track user actions across tenants.
- Created a Weekly Business Review dashboard that consolidated key operational and revenue metrics for leadership reporting.

- Ran sprint planning and coordinated cross-functional deliveries using Agile practices, working closely with product and design to ship key features ahead of schedule.
- Reduced accumulated technical debt by refactoring shared modules and introducing stricter code review standards.
- Mentored junior engineers on React and TypeScript patterns, and used Claude Code and Cursor AI daily to speed up refactoring and prototyping.

Software Engineer, *Olvy Technologies Private Limited – Bangalore, India*

Apr 2022 – Oct 2024

- Built customer-facing interfaces in Vue.js and Nuxt.js that improved user retention, and launched a Chrome extension for capturing user feedback directly from web pages.
- Built the “Video Feedback” feature that analyzes recorded user calls with customers, generates insights from the call transcripts, and runs automated feedback analysis to surface themes and sentiment.
- Implemented authentication and authorization, including SSO with SAML and OpenID Connect via Auth0 and OAuth 2.0 flows, with role-based access control for team accounts.
- Connected HubSpot, Zendesk, Linear, and Jira through REST API integrations, automating repetitive support workflows and reducing manual effort.
- Integrated OpenAI’s API to surface intelligent suggestions within the product, improving usability in user testing.
- Wrote end-to-end tests with Cypress and Playwright, reducing production bug reports.
- Owned backend microservices in Golang and Node.js, designed PostgreSQL schemas, and wrote optimized queries to support growing traffic.
- Published reusable NPM packages (React and Angular components) used across multiple internal and external projects.

Frontend Developer, *Bleach International Cleaning & Cont. LLC – Kuwait*

Feb 2021 – Mar 2022

- Built and deployed a customer-facing booking system using Vue.js and Vuex that reduced average booking time.
- Partnered with stakeholders to redesign user flows and integrated third-party payment gateways, improving the customer experience.

Frontend Lead / Co-Founder, *Fawzlabs Private Limited – Kottayam, India*

Apr 2019 – Jan 2021

- Co-founded a software consultancy and led all frontend development, building scalable Vue.js applications tailored to each client’s needs.
- Hired and mentored a small team of developers, establishing coding standards and review processes that improved delivery speed.

Education

Indian Institute of Information Technology, M.Tech, AI & Data Science (Part-Time) 2021 – 2024

APJ Abdul Kalam Technological University, B.Tech, Information Technology 2015 – 2019

Projects

AI Travel & Gift Assistant github.com/adhilsha/ai-assistant

- Conversational assistant using Next.js, TypeScript, and OpenAI API for personalized travel plans and gift ideas. Features voice input (Web Speech API) and PDF export. Deployed on Vercel.

Orbit AI, Resume & Portfolio Builder, Job Application Tracker github.com/adhilsha/orbit-ai

- AI-powered platform for building resumes and portfolios and tracking job applications, built with Next.js, Supabase, and shadcn/ui. Uses client-side PDF parsing and LLM-based extraction to auto-fill structured profile data.

Certifications & Awards

- Gen AI Pacesetter Award, Impact Analytics
- Red Hat Certified Engineer (RHCE) and Red Hat Certified System Administrator (RHCSA)