

VISHAL ISHARANI

Senior Full-Stack Engineer · AI Integration Specialist

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• Open to Remote

Summary

Senior full-stack engineer with 9+ years of experience building production web, mobile, and AI-integrated systems. For the past year I've been working independently, building Rapt Hire - an AI-powered video interview SaaS - end-to-end as a solo founder. Own everything from LLM evaluation pipelines and product design to billing, compliance, and infrastructure.

Specialist in integrating LLMs, VLMs, and agentic workflows into production systems; fluent in TypeScript/React frontends, FastAPI/NestJS backends, and cloud infrastructure.

Experience

Qodist Softwares LLP (maker of RaptHire) Una, Gujarat, India

Senior Full-Stack Engineer (AI Integration) - Freelance 2022 - Present

Sole-built and operate Rapt Hire in production - an AI-powered video interview SaaS used to assess candidates end-to-end across communication, content, and integrity signals.

- Built an LLM + VLM evaluation engine that transcribes and scores full-length video interviews across 7 dimensions (communication, content accuracy, sentiment, confidence, structure, keyword coverage, integrity) and emits structured JSON reports for hiring teams. Improved rubric accuracy by approximately 60-70% through iterative prompt engineering and feedback loops on edge cases including non-native speakers.
- Architected a multi-signal integrity system (face presence, gaze, audio, tab changes, screen exits) with severity scoring; anomalies flagged to HR for human review rather than auto-rejection - preserving candidate trust while preventing fraud.
- Shipped a GPU-backed speech-to-insight pipeline on Modal (serverless GPU) processing full-length interviews concurrently at a per-interview compute cost that supports SaaS unit economics.
- Implemented Razorpay credit-based billing with GST-compliant invoicing, sequential invoice numbering, payment webhook reconciliation, and refund flows.
- Architected DPDP Act 2023 (India) and GDPR (EU) compliance: candidate consent flows, configurable data retention, right-to-erasure, and access controls for international users.
- Shipped supporting product surfaces: AI-generated job descriptions and question sets, AI resume analysis, and an HR dashboard for interview/candidate management.

Subaru (subaru.com) Remote

Front-End Consultant (Contract via Qodist Softwares LLP) 06/2024 - 03/2025

- Built and shipped a reusable Vue.js component library for subaru.com integrated into the Adobe Experience Manager (AEM) CMS, used across consumer-facing page templates
- Delivered navigation improvements, dynamic feature work, and WAG-aligned accessibility improvements in collaboration with the core dev team
- Contributed to Core Web Vitals optimisation (LCP/CLS) on key landing and product pages

Aeon Software Pvt Ltd Pune, India

Senior Full-Stack Developer 02/2020 - 02/2022

- Shipped production web and mobile applications with React and Angular - dynamic dashboards, admin panels, data-heavy plugins, and REST APIs
- Owned web and mobile infrastructure across multiple client projects; contributed to database schema design in PostgreSQL and MongoDB
- Mentored junior developers and reviewed code across cross-functional teams

GHLABS IT Solution Una, India

Full-Stack Developer 01/2016 - 02/2020

- Led frontend (HTML/CSS/JS) and backend (Node.js, MySQL, PostgreSQL) development across multiple long-running client engagements over four years
- Managed a team of 3 developers to design and ship a web-based accounting application from requirements gathering through production deployment
- Delivered full-stack web and mobile applications for clients across industries - handling requirements, architecture, development, and deployment end to end

Education

Saurashtra University, Gujarat 2012 - 2014

Bachelor of Computer Applications (BCA)

Skills

Languages: Python · JavaScript · TypeScript · SQL

AI / ML:

RAG Pipelines · LLM/VLM integration · Multi LLM/VLM orchestration · Agentic Workflows · Prompt Engineering · Evaluation pipeline design

Frontend: React · Angular · Next.js · Vue.js

Backend: Node.js · NestJS · FastAPI · Flask · REST · GraphQL · Socket.IO

Mobile: Ionic · Capacitor · React Native

Databases: PostgreSQL · MySQL · MongoDB · Redis

DevOps / Cloud: Docker · GitHub Actions · Modal (serverless GPU) · AWS (Elastic Beanstalk, S3, Bedrock, Lex)

Payments: Razorpay · Stripe

Projects

Rapt Hire

rapthire.com

2025 - Present

AI-powered video interview SaaS - automated LLM/VLM scoring, multi-signal integrity enforcement, AI resume analysis, AI-generated job/question sets, and credit-based billing. Built and operated solo

- Stack: React, TypeScript, Vite, FastAPI, Python, MongoDB, OpenAI API, Anthropic Claude, AWS Bedrock, Modal, MediaPipe, Docker, GitHub Actions, Razorpay

Help Ghost (Contracted via Qodist by Riafox Inc)

helpghost.ai

2025

AI-driven customer support automation for SaaS companies - multi-intent chatbot infrastructure with fallback handling and live agent escalation. Deployed for multiple SaaS clients

- Stack: Amazon Lex, AWS Bedrock, Meta Llama, Python, Flask, Angular, NestJS, MongoDB

Carehandler (Contracted via Qodist by Riafox Inc)

carehandler.com

2022 - 2026

Operations platform for home care agencies - scheduling, staff management, and compliance tracking. Full frontend, backend API, and cross-platform mobile app (iOS & Android)

- Stack: Angular, NestJS, Ionic, Capacitor, MongoDB

Caballus (Contracted via Qodist by Riafox Inc)

2022 - 2024

Trainer-horse-owner communication app for tracking training progress and evaluations. Full backend API and cross-platform mobile app

- Stack: Angular, NestJS, Ionic, Capacitor, MongoDB

Arc™ Farm Intelligence

2020 - 2022

Pest management and crop intelligence platform for a global agri-tech company - built and maintained the consumer mobile app and admin panel

- Stack: React, React Native, Firebase