

Abhishek Thakur.

Senior Full-Stack Engineer — SaaS, Payment Systems, AI Workflows

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§ SUMMARY

Senior Full-Stack Engineer with 4+ years building production SaaS and payment systems in TypeScript, Node.js, and React. Most recently led a 5-engineer team at Bizdesire on Uplevelit, an Experience-as-a-Service marketplace with bookable video sessions and creator payouts; in parallel, solo-built two AI-powered platforms (Penbook, Rocket Rebates) end-to-end — data layer, backend, OpenAI integration, and front-end. Strong on multi-tenant architecture, RBAC, Stripe billing (subscriptions, payouts, idempotent webhooks), modular monoliths in NestJS, and AI-assisted product workflows with the OpenAI and Anthropic APIs. Open to senior / staff full-stack roles, remote and global.

§ EXPERIENCE

Development Team Lead — Bizdesire

Feb 2024 – Apr 2026

- Led a 5-engineer team building **Uplevelit**, an Experience-as-a-Service marketplace (1:1 sessions, group classes, livecourses, Q&A) on TypeScript / React / Firebase Functions, with Twilio Video for live sessions and Stripe for payments and creator payouts.
- Designed a shared *Session* abstraction across four delivery formats so booking, payment, and notification logic stayed singular — new formats shipped in days, not weeks.
- Built end-to-end Stripe billing on Uplevelit: subscriptions, wallets, refunds, and webhook handlers with idempotency keys on every Stripe-touching function to make double-execution safe under retries.
- Solo-built **Penbook**, an AI-powered platform that brings readers and writers together — writing (AI-assisted), reading, content, and book clubs. NestJS modular monolith over MongoDB with six bounded modules (accounts, writing, reading, content, clubs, ai), OpenAI integration server-side, real-time collaboration primitives.
- Solo-built **Rocket Rebates**, a rebate search and submission platform — PostgreSQL on AWS RDS, ETL ingestion of third-party feeds, full-text discovery, two distinct OpenAI workflows (program report generation and submission-document checklist inference), S3 document storage, and an admin-reviewed approval gate before submission.
- Owned CI/CD across products via GitHub Actions and Bitbucket Pipelines; production deployments on GCP (GCR) and Firebase, containerised with Docker where applicable.

Associate React & Node.js Developer — Appcore Labs

Oct 2022 - Dec 2023

- Built SaaS and e-commerce front-ends with React, Next.js, and Redux; contributed to Node.js backend APIs.
- Integrated Firebase Auth and shipped data-driven UI for cart, orders, product management, and headless-CMS-backed content delivery.
- Optimised front-end performance across multiple products via CDN-based asset delivery and lazy loading.
- Managed front-end deployments on Vercel; collaborated with backend teams on API contracts and integration.

Frontend Developer (React) — Fyntune Solutions

Oct 2021 - Sept 2022

- Built custom form builders and insurance product UIs (cyber, term, travel) for multiple white-label client deployments using React and Redux.
- Managed staging and production environments across multiple concurrent client projects; coordinated releases and hotfixes independently.
- Maintained CI/CD pipelines via Bitbucket Pipelines for consistent multi-environment releases.

§ EDUCATION

B.Tech, Computer Science & Engineering — Baba Banda Singh Bahadur Engineering College

2017 - 2021

§ SELECTED PROJECTS

Uplevelit — uplevelit.com

Lead · 2025 - 2026

- Two-sided marketplace connecting clients with operators across every industry — bookable 1:1 sessions, group classes, livecourses, and Q&A.
- Stripe subscriptions, wallets, and operator payouts with idempotent transaction handling across distributed Firebase Functions.
- Live sessions on Twilio Video; recordings and creator media on Bunny Stream; transactional email via SendGrid; product analytics via Looker Studio.

- AI-powered all-in-one platform bringing readers and writers together: writing with AI tools, reading the Penbook universe, sharing content, and joining book clubs.
- NestJS modular monolith over MongoDB with six bounded modules; OpenAI integration mediated server-side for prompt control and usage caps.
- Real-time collaboration primitives (presence, concurrent editing) on per-document gateway channels.

Rocket Rebates

Solo · 2026

- End-to-end rebate search, AI report generation, and AI-assisted submission package assembly with admin-reviewed approval gate.
- PostgreSQL data layer on AWS RDS; ETL pipelines normalising third-party feeds; full-text discovery layer alongside structured filters.
- Two distinct OpenAI workflows (program report; document checklist) and S3-backed document handling with signed-URL admin review.

§ SKILLS

LANGUAGES	TypeScript · JavaScript
FRONTEND	React · Next.js · Redux · Tailwind CSS
BACKEND	Node.js · NestJS · Express
DATABASES	PostgreSQL · MongoDB
CLOUD & DEVOPS	GCP · GCR · Google Cloud Console · AWS (RDS, S3) · Docker · Cloudflare · Vercel · Firebase
CI/CD	GitHub Actions · Bitbucket Pipelines · ETL pipelines
PAYMENTS	Stripe API · Subscriptions · Payouts · Refunds · Webhooks · Idempotency
AI & INTEGRATIONS	OpenAI API · Anthropic API · Claude Code · Prompt workflows · AI-assisted development · Twilio (SMS & Video) · SendGrid · Firebase Auth · Bunny Stream
ARCHITECTURE	RESTful APIs · Multi-tenant systems · RBAC · Microservices · Modular monoliths · System design