COMPANY PROFILE · 2026

# Advantage AI Engineering

AI-first software engineering for companies that need production systems, not prototypes.

Noida, India | Clients worldwide | Since 2024

AT A GLANCE

# A senior engineering partner, built for AI-era delivery

**35+**
engineers on the team

**12+ yrs**
founder's software leadership

**2 weeks**
average time to MVP for focused sprints

**99.95%**
production uptime on systems we run

### Founded 2024
Advantage AI Engineering Pvt Ltd

### Noida HQ, global delivery
Distributed team with extended time-zone coverage

### Five-star Upwork record
Audits, DevOps, migrations; one client rehired us 3 times

WHO WE ARE

# We turn AI ambition into secure, scalable software that runs in production.

Advantage AI Engineering is an AI-first software engineering firm. We design, build and run LLM features, SaaS platforms, web and mobile apps, and the cloud they live on, with engineering rigour, security by default and a bias for shipping.

MISSION, VISION AND VALUES

# What drives us

### Mission

Help businesses design, build and scale secure software and AI that work reliably in production.

### Vision

Be the engineering partner companies trust to turn AI ambition into products people use every day.

### Ownership

We treat your outcome as our own

### Transparency

Honest estimates, open progress, no surprises

### Security by default

Data and access protected from day one

### Craft

Clean code, tested releases, clear docs

WHAT WE DO

# Six service lines, one engineering standard

### AI integration

Production LLM features: RAG, agents, routing, guardrails, evals, cost-aware inference

### SaaS development

Multi-tenant B2B platforms with billing, roles and audit trails

### Web development

SSR apps, APIs, portals, e-commerce and design systems

### Mobile apps

iOS and Android apps with offline support and push

### DevOps and cloud

CI/CD, Kubernetes, cloud migration and production operations

### Audits and fractional CTO

Code and architecture reviews, technical leadership on demand

AI ENGINEERING

# From demo to dependable

Most AI features stall between prototype and production. We build the layers that make them safe, measurable and affordable to run.

Model-agnostic: OpenAI, Anthropic, Gemini, Azure OpenAI, AWS Bedrock, Groq, and self-hosted models via Ollama

01 **RAG and agents**
Grounded answers and multi-step workflows on your data

02 **Routing**
The right model for each task, with fallbacks

03 **Guardrails**
Policy checks on inputs, outputs and actions

04 **Evals**
Every model or prompt change scored before release

05 **Cost-aware inference**
Quality held steady while cost per request falls

BUILT IN, NOT BOLTED ON

# Security and experience in every engagement

## Application security

- Security posture assessments
- API and application hardening
- Secure SDLC advisory
- Monitoring, logging and incident response plans

## Data protection

- Database architecture and tuning
- Access control, encryption, backups
- Vulnerability assessment
- Compliance-oriented data handling

## UI/UX design

- User research and journey mapping
- Prototypes and design systems
- Conversion-focused UX
- Design audits and usability fixes

TECHNOLOGY

# A proven, modern stack

| Layer | Technologies |
| --- | --- |
| AI and LLMs | OpenAI, Anthropic, Gemini, Azure OpenAI, AWS Bedrock, Groq, Ollama |
| Front end | React, Next.js, Vue, Angular |
| Back end | Node.js, Laravel, FastAPI, Python |
| Mobile | React Native, Expo, Flutter, Swift, Kotlin |
| Identity and billing | Auth0, Keycloak, Stripe, Paddle |
| Cloud and DevOps | AWS, Azure, GCP, Docker, Kubernetes, GitHub Actions |

SELECTED WORK

# What we have built

In-house product · AI

## BenchCode

A self-hosted, local-first AI coding platform running Qwen and Llama models via Ollama: code never leaves the client's machines.

Enterprise SaaS · AI

## AI localisation SaaS

Multi-tenant platform with billing, role-based access and document processing. Laravel, React and FastAPI.

Healthcare platform suite

## Diagnostics, end to end

API, app, e-commerce and fulfilment for a diagnostics business. Node.js and Laravel.

Five-star Upwork engagements

## Audits, DevOps, migrations

Code audits, production DevOps setups (one client rehired us three times) and a React-to-Vite migration.

INDUSTRIES

# Where our work runs

### Healthcare

Patient portals, booking, secure health data, diagnostics platforms

### Finance

Compliant software, reporting dashboards, approval workflows

### E-commerce

Storefronts, marketplaces, payments, recommendations

### Real estate

Listing and management platforms, CRM, workflow automation

### Telecom

Operations portals, self-service apps, OSS/BSS integration

Across all five, the common thread is regulated or data-heavy work where security, auditability and uptime matter.

ENGAGEMENT MODELS

# Four ways to work with us

| Model | What you get | Best for |
|---|---|---|
| 2-week sprint | One AI feature or MVP, scoped and shipped | Funded startups proving a feature |
| Fixed-scope build | A defined product, milestone billing | Clear requirements, fixed budget |
| Dedicated team | Engineers embedded in your process | Ongoing roadmap, scaling capacity |
| Audit or fractional CTO | Architecture review, technical leadership | Due diligence, rescue, leadership gaps |

USD and INR pricing available on request.

HOW WE DELIVER

# Four stages, with a clear gate at each

## 01

### Discovery

Goals, technical landscape, constraints

**Gate:** signed-off requirements

## 02

### Solution design

Architecture, stack, roadmap and team plan

**Gate:** approved plan and estimate

## 03

### Build

Agile sprints, demos, QA, documentation

**Gate:** sprint demo and acceptance

## 04

### Run and evolve

Deployment, monitoring, maintenance, new features

**Gate:** agreed SLAs in production

Remote-native and agile throughout: weekly demos, open channels, and capacity that flexes with each phase.

WHY CLIENTS CHOOSE US

# Senior engineering with business sense

We pair technical depth with pragmatism, so what we ship drives results.

### AI-first, production-minded
Guardrails, evals and cost control from day one

### Security-first mindset
Built into every solution, never an afterthought

### End-to-end ownership
Concept to deployment to ongoing support

### User-centric design
Software people enjoy using, not just software that works

### Flexible and cost-efficient
Sprint, fixed-scope or dedicated team, across time zones



LEADERSHIP

# Avinash Kumar Jha

## Founder and CEO

Avinash founded Advantage AI Engineering to give companies a senior, hands-on partner for taking AI and modern software into production.

- 12+ years building software
- Previously Technical Lead at Ksolves
- Leads a team of 35+ engineers
- Hands-on across AI, SaaS architecture and DevOps

NEXT STEP

# Let’s build what’s next.

Book a 20-minute call. We’ll scope your idea and tell you honestly what it takes.

**Book a 20-minute call: Click here**

**advantageaieng.com**

**inquiries@advantageaieng.com**

We typically respond within 24 hours.