

MOKSH BUDHIRAJA

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Technical Skills

Languages: JavaScript, TypeScript, Python
Backend: Node.js, Express.js, Fastify, REST APIs, pg-boss, BullMQ, cron, batch processing, rate limiting, IP filtering
Frontend: React.js, Next.js, HTML/CSS
Databases: PostgreSQL, MongoDB, MySQL, Supabase
Auth & Payments: OAuth2, JWT, Razorpay (subscriptions, webhooks, state machines), email reminders
Infra: AWS (EC2, S3, Route 53), OCI, Nginx, PM2, Cloudflare DNS, Linux (Ubuntu), server migration
AI / LLM: LLM API integration, prompt engineering, agent tooling
Tools: Git, Postman, VS Code, Docker

Experience

Consulting & Contract Work

Jul 2025 – Present

Full-Stack Engineer

Remote

- Sole engineer across three client engagements – owned backend, billing, infra, and deployment for each.
- **InvoPilot** – Built invoicing SaaS backend from scratch: Google OAuth2, PostgreSQL, Supabase, GCP. Designed Razorpay subscription billing with webhooks, tier access control, payment state machine, email reminders, and dunning – full billing lifecycle handled end to end.
- **Luxentra Homes** – Next.js landing page with contact form, live on Vercel with domain and DNS configured.
- **Trydent** – Shopify storefront setup and Cloudflare DNS; resolved server issues blocking launch. Store went live for Season II.

Pintude

Jul 2024 – Jul 2025

Backend Engineer

Remote

- Solely owned two microservices – a business card generation service and a news crawler pipeline – while consuming internal URL shortener, QR generator, and S3 blob storage across service boundaries.
- Queue failures were surfacing as request failures; isolated the tracking layer from the generation layer so generation failures triggered retry logic without affecting the original request – implemented and maintained manually.
- Built cron-driven crawler fetching structured content from news homepages via custom selectors; extracted data fed directly into the generation pipeline.
- Integrated a **pretrained multilingual classifier** for automatic news topic tagging across 17 IPTC categories, replacing manual labelling.
- Assets generated as business cards via Node Canvas, stored on **AWS S3**; deployment on **EC2** with PM2 and Nginx stayed stable across the full year.

Infinite Locus

Mar 2024 – Apr 2024

Full-Stack Developer (Contract)

Gurgaon, India

- Worked in a shared codebase via Git – **Shopify Liquid** layouts and storefront features delivered without breaking live pages.
- REST APIs in **Node.js**, **Express**, **Sequelize**, **MySQL**; cleaned up slow queries on high-traffic endpoints.

Projects

Fitness Explorer | *React.js, RapidAPI, Netlify – Live*

- Exercise search and filter app covering 200+ categories via RapidAPI. Deployed and live on Netlify.

Pie Chart Animation Engine | *Node.js, FFmpeg, Node Canvas*

- Takes JSON input, outputs an animated MP4 pie chart – Node Canvas handles frame generation, FFmpeg renders the video. Built for automated media asset production.

Education

Guru Gobind Singh Indraprastha University

Aug 2019 – Sept 2023

Bachelor of Technology in Information Technology

New Delhi, India

- CGPA: 8.729