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💡 Objective

Software engineer focused on backend systems and AI-native applications. Passionate about building scalable systems, distributed APIs, and LLM-powered products using modern engineering practices.

👛 Professional Experience

- **KumoDevs** – *January 2025 – Present*
 - Re-architected Next.js + MDX CMS improving rendering performance and content scalability (25–30% faster page loads).
 - Built automation and scraping systems reducing manual operational workload by 50%.
 - Designed scalable PostgreSQL/Supabase schemas optimized for high-content systems and efficient querying.
- **ATI Limited** – *June 2024 – December 2024*
 - Improved API latency by 40% in production EMR system via query optimization and reduced DB round-trips.
 - Introduced indexed database queries for high-frequency datasets improving lookup performance (35–50%).
 - Built dashboard-heavy enterprise systems with optimized pagination, caching, and role-based workflows.
- **Code Elevate Tech** – *May 2024 – June 2024*
 - Optimized Next.js applications improving UI responsiveness and reducing re-renders (15–20%).
 - Refactored API integration layer improving separation between frontend and backend logic.
- **Freelance / Local Client Projects** – *2023 – 2024*
 - Delivered multiple full-stack web applications for local clients over 2 years of freelance and contract-based work.
 - Built and maintained production systems including dashboards, booking tools, and e-commerce platforms.
 - Handled end-to-end delivery from UI design to backend APIs and deployment.

✂ Technical Skills

Languages: JavaScript, TypeScript, Python, C++, SQL

Front-End: React.js, Next.js, Redux, Tailwind CSS, Material UI, Ant Design, Framer Motion, GSAP

Back-End: Node.js, Express.js, Go, gRPC, GraphQL, WebSockets, Microservices, Authentication, API Design, Protocol Buffers (Protobuf), Prisma, PostgreSQL, MongoDB, MySQL, Redis

AI & LLM Systems: OpenAI API, LLM integration, AI-native applications, Retrieval-Augmented Generation (RAG)

Infrastructure & DevOps: Docker, Linux, Nginx, Git, GitHub Actions (CI/CD), Vercel, Netlify, Firebase, cPanel

API & System Design: OpenAPI/Swagger, GraphQL, API versioning, distributed system fundamentals

Tools: Postman, Puppeteer, Figma, Stripe, SSLCommerz

🔧 Projects

- **Medibuy** — AI-Assisted Online Medicine Platform [Live](#) | [GitHub](#)
 - Built AI-assisted medicine ordering system with symptom-based suggestions.
 - Designed BYOK architecture to reduce AI cost and improve privacy.
 - Used PostgreSQL full-text search for fast product discovery and optimized checkout flow.

- **MindStore AI** — RAG Knowledge System [Live](#) | [GitHub](#)
 - Built RAG system for querying user-uploaded documents.
 - Implemented embeddings + cosine similarity retrieval engine.
 - Designed streaming AI responses using SSE-based architecture.
- **RxPro** — Clinic Workflow System [Live](#) | [GitHub](#)
 - Built prescription and appointment management system with print-ready workflows.
 - Designed modular backend with swappable database architecture.
- **Code Snippets Manager** — AI Code Generator [Live](#) | [GitHub](#)
 - Built AI-powered snippet generator from natural language prompts.
 - Implemented Supabase-based storage with shareable links.
- **Pulse Analytics** — Real-Time Dashboard [Live](#) | [GitHub](#)
 - Built real-time analytics dashboard with charts and export features.
 - Designed deterministic mock-data engine for consistent metrics.
- **Autism Insight** — AI + ML Screening Platform [Live](#) | [GitHub](#)
 - Built full-stack screening platform with ML-based classification backend.
 - Integrated FastAPI + PyTorch CNN model for inference pipeline.

Contests & Problem Solving

- Solved 500+ problems across Codeforces, Beecrowd, HackerRank, and LightOJ.
- Participated in ICPC regionals, Code Samurai, and multiple national contests.

Education

MSc Software Engineering 2026 – Present
MSTU "STANKIN"

BSc Computer Science & Engineering 2024
IUBAT — GPA 3.65/4.00

Extra-Curricular

- Programming Mentor — guided students in competitive programming.
- Event Coordinator — managed technical university events.
- Team Mentor — led teams in hackathons and contests.