

Prasun Kundu

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[GitHub](#) — [LinkedIn](#) — [Portfolio](#)

SUMMARY

AI-native Full Stack Developer building production-grade SaaS applications, AI workflows, and backend systems using Next.js, TypeScript, Node.js, PostgreSQL, and LLM orchestration. Focused on startup environments requiring end-to-end product ownership, rapid iteration, API integrations, and scalable backend architecture.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), Python, SQL, C++

Frontend: React.js, Next.js 15, Tailwind CSS, Responsive UI, State Management

Backend: Node.js, Express.js, REST APIs, Serverless Functions, Middleware, Authentication, Rate Limiting

AI / LLM: OpenAI GPT-4o, Claude 3.5 Sonnet, Gemini 2.0 Flash, RAG Pipelines, Prompt Chaining, Structured JSON Output, Multi-Agent Systems

Databases / Infra: PostgreSQL, Supabase, MongoDB, Redis, Upstash, Vercel, Docker, Git, GitHub, CI/CD

Software Engineering: System Design, API Design, Async Programming, Observability, Logging, Scalable Architecture, Agile Development

EXPERIENCE

Freelance Software Developer (Upwork / Direct Clients) Jan 2026 – Present
Remote

- Built and deployed full-stack SaaS applications and AI-powered automation systems for SMEs using Next.js, Node.js, PostgreSQL, and OpenAI APIs
- Developed production-ready backend services with authentication, REST APIs, database schema design, rate limiting, and serverless deployment on Vercel
- Delivered complete projects independently from architecture and development to deployment and iteration in fast turnaround cycles

PROJECTS

Page Roast — AI SaaS Landing Page Analyzer [Live](#) — [GitHub](#)

- Built AI-powered SaaS platform analyzing landing pages using Gemini Vision API and structured CRO audits
- Implemented Next.js 15 backend, screenshot pipeline, Supabase persistence, Redis rate limiting, and shareable public reports
- Production deployment running on zero-cost infrastructure using Vercel + Supabase + Upstash

Vervy — AI Cold Email Personalizer (Currently Building)

- AI outbound personalization engine for SaaS founders using company website URLs to generate personalized cold emails
- Multi-step LLM workflow performs context extraction, tone calibration, email generation, and subject optimization
- Built with Next.js, TypeScript, GPT-4o, structured JSON outputs, and scalable prompt orchestration

ElectroChat — Industrial Equipment Fault Detection System [Live](#) — [GitHub](#)

- Developed real-time fault detection chatbot for industrial electrical equipment using GPT-4 and Node.js
- Built modular backend pipeline processing live simulation data streams for transformers, motors, and MCC/PCC systems
- Responsive React frontend enables remote monitoring workflows applicable to Industrial IoT and predictive maintenance

Mega-AI — Multi-Agent Orchestration System [GitHub](#)

- Built production-style multi-agent orchestration architecture with orchestrator, retrieval, synthesis, critique, and compression agents
- Implemented FastAPI backend, PostgreSQL, async workflows, structured logging, observability, and reproducible execution traces
- Added prompt optimization, validation pipelines, and context compression for scalable AI workflow management

EDUCATION

Galgotias College of Engineering and Technology, Greater Noida
B.Tech — Electrical and Electronics Engineering

Oct 2022 – Jul 2026

ACHIEVEMENTS

- Built and shipped multiple production-ready AI SaaS applications independently with full ownership across frontend, backend, deployment, and AI integration
- Selected as Project Mentor at GirlScript Summer of Code (GSSoC) 2024 after contributing in 2023
- Designed zero-cost production infrastructure using Vercel, Supabase, Redis, and serverless architecture