

Kartikey Kumar

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Summary

Full Stack Developer with **1+ year of experience** building scalable SaaS applications using **Next.js 14, Node.js, and AWS**. Specialized in integrating AI models (Whisper/GPT) and optimizing backend performance. Strong grasp of **Data Structures & Algorithms** with a focus on writing clean, maintainable code. Active open-source contributor passionate about system design.

Technical Skills

- **Languages:** JavaScript, TypeScript, Python, C/C++, HTML5, CSS3
- **Frontend:** React.js, Next.js 14, Redux Toolkit, Tailwind CSS, Shadcn UI
- **Backend:** Node.js, Express.js, GraphQL (Apollo), Convex, Server Actions
- **AI & Data:** OpenAI API (GPT OSS, Whisper), Groq, Prompt Engineering
- **Databases:** PostgreSQL (NeonDB), MongoDB, Redis
- **DevOps & Tools:** Git, Docker, AWS (S3, Lambda), Vercel, Stripe Integration

Experience

Role	Period	Location
Open Source & Independent Developer <i>Full Stack Engineer (Self-Employed)</i>	Jun 2024 – Present	<i>Remote</i>
– Built and deployed 3+ production-grade SaaS applications (SpeakEasyAI, DevOverflow) using Next.js 14. – Solved 650+ LeetCode problems (Contest Rating 1784), ranking in the Top 8% of global users. – Contributed to open-source repositories during Hacktoberfest, fixing production bugs and improving UI accessibility. – Completed advanced certifications in System Design and Backend Engineering (Zero To Mastery).		
Remotasks (Scale AI)	Nov 2023 – May 2024	
– Performed RLHF (Reinforcement Learning from Human Feedback) on AI models to improve code generation logic. – Engineered 200+ structured coding prompts to stress-test LLM capabilities in Python and JavaScript. – Achieved 100% QA accuracy , establishing new team-wide quality benchmarks for code synthesis.		<i>Remote</i>
Yougetplaced	Sep 2022 – Dec 2022	
– Web Development Intern		<i>Remote</i>
– Built a MERN-based Q&A platform with JWT authentication, real-time posting, and search functionality. – Designed REST APIs and optimized MongoDB schemas to reduce query latency. – Developed a responsive, component-driven UI using React and Redux.		

Projects

SpeakEasyAI (SaaS Video-to-Notes)	🌐 Live Demo
– Engineered a Next.js 14 AI SaaS using OpenAI, Stripe, & AWS S3 to convert videos into SEO blogs. – Designed a scalable ingestion pipeline with background jobs to handle large file processing asynchronously. – Implemented secure authentication using Clerk Middleware and protected routes for paid subscribers.	
DevOverflow (Developer Q&A Platform)	🌐 Live Demo
– Developed a Next.js 14 community platform using MongoDB & Server Actions for high-performance data fetching. – Implemented Global Search, AI-assisted answers, and a reputation system, optimizing SEO with Next.js SSR.	
Jotion (Real-time Collaborative Workspace)	🌐 Live Demo
– Built a live documentation workspace using Convex & EdgeStore for sub-millisecond data syncing. – Leveraged block-based editing components to allow users to create nested documents and publish to the web.	

Achievements

LeetCode Profile: Solved **650+** problems; Contest Rating **1784** (Top 8% Global). Earned 500 Days Badge.

GitHub Contributions: Active open-source contributor (**250+ commits** in 2025). Maintained multiple full-stack repositories.

Education & Interests

Indira Gandhi National Open University <i>Bachelor of Computer Applications (BCA)</i>	Jul 2018 – Jun 2022
	<i>New Delhi, India</i>

Certifications: Zero To Mastery (Full Stack), Advanced JS, System Design Fundamentals.

Interests: Fitness (Calisthenics), Reading Tech Blogs, Anime.