

Aman Kumar

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Summary

Versatile developer focused on building high-performance, scalable digital products. Brings strong expertise in modern front-end, back-end, and system architecture, paired with advanced analytical and algorithmic skills to deliver user-centric solutions across diverse domains.

Technical Skills

Programming Languages	C++, Python, JavaScript, Typescript
Front-end	HTML, CSS, React.js, Tailwind CSS
Back-end	Node.js, Express.js
Databases	MySQL, MongoDB, Redis
Tools & Platforms	Git, GitHub, Vercel, Docker, Kubernetes, AWS
Development Skills	REST APIs, UI/UX Fundamentals, CI/CD Pipelines

Internships

CU - TBI (Full-Stack Developer Intern) Feb 2026 – June 2026
Led the development of Clutch AI, a modern event hosting platform, architecting AI-driven features for personalized event discovery and intelligent booking recommendations. Scaled the platform to handle over 10,000+ daily users using efficient caching, cloud deployment, and high-availability architecture. **On-Site**

Kraf Technologies (Web Developer Intern) May 2025 – July 2025
Engineered a large-scale MERN-based Employee Management system, refining UI/UX, maintaining high performance, integrating Back-end services with secure authentication and authorization, and handling extensive datasets using MongoDB. **Remote**

Projects

AI Image Pipeline aiimagepipeline.buildsbyaman.in

- Built an industry-grade AI-powered image processing platform using a decoupled microservices architecture with React, Express, MongoDB, Redis, and Docker.
- Designed a three-stage asynchronous AI pipeline powered by OpenAI with real-time job tracking via Socket.IO, direct uploads to Cloudflare R2, and robust file validations.

MindQueue mindqueue.buildsbyaman.in

- Built a high-performance productivity tracker featuring a GitHub-style contribution heatmap, multi-timeline tracking, and a streak engine for daily consistency.
- Simplified task creation by enabling users to paste raw text and have tasks auto-mapped instantly using AI.

SecureVault securevault.buildsbyaman.in

- Built a client-side AES-GCM encryption tool for secure, private data handling.
- Achieved near-instant encryption through highly optimized cryptographic workflows.

Education

Chandigarh University, Mohali 2023 – Present
B.E. in Computer Science & Engineering (AI & ML Specialized) - 8.3 CGPA

R.O.I.S, Gurugram (CBSE Board) 2023
Class 12 – 84%

R.O.I.S, Gurugram (CBSE Board) 2021
Class 10 – 87%

Achievements, Activities & Soft Skills

- Qualified GATE 2026, reflecting strong analytical and problem-solving foundations.
- Showcased full-stack and AI-driven projects at CU EXPO, earning recognition for innovation.
- Demonstrated strong communication, adaptability, and collaboration across cross-functional, diverse teams.