

Amit Singh Rawat

Software Engineer

github.com/amitsinghrawat777 | candidates.intervues.club/u/amit-singh-rawat

SUMMARY

Software Engineer with full-stack edge development experience. Demonstrated expertise in modernizing legacy infrastructure into globally distributed edge networks and building full-stack applications. Skilled in React.js, Next.js, Cloudflare Workers, and database architecture.

EXPERIENCE

Software Engineer Intern

HPC Infotech

Aug 2026 – Present

- Developed, tested, and debugged end-to-end software features following established coding best practices.
- Collaborated with the engineering team on feature implementation, troubleshooting, and code reviews to deliver reliable releases.
- Documented technical workflows and architectural implementations to facilitate knowledge sharing and maintain codebase consistency.

Founder & Lead Developer

Serve OS

Jul 2026 – Present

- Founded and served as Lead Developer for Serve OS.

Full Stack Web Development Intern & Technical Lead

The Infinite Tours

Jun 2026 – Aug 2026

- Spearheaded the modernization of legacy infrastructure into a globally distributed edge network, documenting decisions via Architectural Decision Records (ADRs).
- Eliminated 50+ second cold start delays by migrating services to Cloudflare Workers with Drizzle ORM.
- Engineered a zero-egress Cloudflare R2 image pipeline that reduced payload sizes by up to 70%.
- Executed a 5-sprint performance roadmap to eliminate Cumulative Layout Shift (CLS) and implemented enterprise-level structured data for SEO.
- Secured shared UIs against automated spam using Cloudflare Turnstile and deployed the platform's core AI chatbot interface.

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EDUCATION

Uttaranchal University · Bachelor of Technology, B.Tech · 2023 – 2027

Doon Heritage School · Class XII · 2023

SKILLS

Languages and Frameworks: CSS, English, HTML, Java, JavaScript, Python, SQL, TypeScript, Express.js, Next.js, Node.js, React.js, ShadCn, Tailwind

Databases: Firebase, MongoDB, SupaBase

Tools: AWS, CI/CD, Cloudflare (Workers, R2, Turnstile), Docker, Drizzle ORM, Full-Stack Edge Architecture, Git, GitHub, Kubernetes, RAG Pipelines, REST APIs, System Design, Vercel, WebSockets

PROJECTS

Triple A Fitness — Admin Dashboard

Built and deployed a gym management platform with separate Admin, Trainer, and Member applications synced in real time. Engineered a QR-based attendance tracking system serving 100+ users across multiple gyms, cutting manual tracking by 80%. Implemented real-time data synchronization using WebSockets alongside a React.js, Node.js, and MongoDB stack.

React.js, Node.js, MongoDB, WebSockets

itsamyth.online

Arcade-style developer portfolio built with Next.js and TypeScript. Designed and implemented an interactive, web-based portfolio application.

Next.js, TypeScript

Additional projects: neetcode-submissions, College-LMS-Website, KonohaCafeQr, Travel Agency Website, Gym Management System

AWARDS

Google UI/UX Design Professional Certificate (Coursera), Top search rankings for Infinite Tours, Forage JP Morgan Software Engineering Virtual Experience Program, Top Search Rankings, Google UI/UX Design Certificate, J.P. Morgan - Software Engineering Job Simulation, Build Wireframes and Low-Fidelity Prototypes, Create High-Fidelity Designs and Prototypes in Figma, Start the UX Design Process: Empathize, Define, and Ideate, Conduct UX Research and Test Early Concepts