

SHIVAM KUMAR

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PROFESSIONAL SUMMARY

Software Developer focused on building scalable systems and modern web applications. Strong in Java, C++, Go, OOP, SOLID principles, and clean architecture. Experienced with AI integrations, role-based systems, and SQL/NoSQL databases.

EDUCATION

B.Tech in Computer Science and Engineering

Expected 2027

Kalinga Institute of Industrial Technology, KIIT

CGPA: 9.06/10.0

SKILLS

Programming: Java, C/C++, Python, GoLang, JavaScript/TypeScript, SOLID Design Principles
Frontend: React.js, Next.js, TailwindCSS, Material-UI, ShadCN, Bootstrap, Aceternity
Backend: Node.js, Express.js, SpringBoot, MongoDB, PostgreSQL, RESTful APIs, GraphQL
Other: Git/GitHub, Docker, gRPC, tRPC

EXPERIENCE

Software Developer Intern

Mar 2025 - July 2025

Ayuryuj

New Delhi, India

- Developed 100% of the frontend for a multi-agent communication platform using Next.js + Firebase, enabling users to create AI-driven agents.
- Contributed to Go backend APIs, reducing latency by 25% and improving reliability by 30%.
- Achieved frontend-backend integration, cutting task completion time by 35% via optimized workflows.

Freelance Software Developer

2024 - 2025

Self Employed

India

- Designed and developed a full-stack event management platform with RBAC dashboards for admins and participants, supporting 200+ concurrent users.
- Built workflows for events, paper/PPT submissions, and reviewer assignment, reducing admin workload by 50%.
- Integrated payment gateway and email notifications, boosting adoption by 40% and ensuring secure transactions.

PROJECTS

Draftly – Real-Time Collaborative Editor

[Live Demo](#)

- Built real-time collaborative editor using Next.js, Express, Prisma, and Redis with RBAC.
- Designed scalable backend with WebSockets and caching to handle concurrent document updates.

Trackr – Job Application Tracker

[Live Demo](#)

- Built full-stack job tracking platform with REST APIs and optimized database schema.
- Developed analytics dashboards and optimized queries for fast user-specific data retrieval.

LEADERSHIP

Web Dev Lead – CyberVault KIIT

- Led a team to build a real-time CTF platform supporting 20+ teams, delivering live scoring and smooth UX.

Web Dev Lead – Konnexions KIIT

- Led development of a multiplayer maze game supporting 100+ concurrent players, ensuring scalability and smooth gameplay.