

ROHAN KUMAR

Full Stack Software Engineer

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Full-stack Software Engineer with 3+ years of experience building scalable, high-performance web applications and SaaS platforms across early-stage startups. Specialized in Next.js, TypeScript, Node.js, PostgreSQL, AWS, Docker, Redis, and modern system design. Proven record of owning complete product lifecycles—from architecture and backend engineering to frontend UX, DevOps, and deployments. Experienced in mentoring developers, optimizing performance, reducing infra cost, and collaborating directly with founders to ship production-grade products.

TECHNICAL SKILLS

Languages:	JavaScript, TypeScript, Java, Python
Frontend:	React.js, Next.js (SSR/ISR/SSG), Tailwind CSS
Backend:	Node.js, Express.js, REST APIs, WebSockets, CRON Jobs
Database:	PostgreSQL, MySQL, Prisma ORM, Redis (Caching & Pub/Sub)
DevOps & Cloud:	AWS (EC2, S3, CloudFront, Lambda), Docker, Nginx, CI/CD pipelines
System Design:	Microservices, Authentication (JWT/OTP), Caching Strategies, Horizontal Scaling
Tools:	Git, Turborepo, Monorepos, PM2, Webhooks
Other:	UI/UX Design, Performance Optimization, Server Management

PROFESSIONAL EXPERIENCE

Software Engineer - Freelance / Early stage Startups 2022 – Present
(Creator Bridge, GossipU, 100xCareer, OpenPathFinder)

- Designed and developed **5+ full-stack SaaS platforms**, handling architecture, backend, frontend, infra, and CI/CD independently.
- Built scalable systems using **Next.js, Node.js, PostgreSQL, Prisma, Redis**, deployed on **AWS + Docker** with 99.9% uptime.
- Improved backend performance by **40–60%** through caching, DB indexing, optimized queries, and API restructuring.
- Reduced AWS infra cost by **~30%** using container optimization and CloudFront caching.
- Implemented real-time workflows using **WebSockets, Background Workers, CRON jobs**, and rate-limited APIs.
- Built monorepo architectures using Turborepo, improving dev velocity by **~25%**.
- Collaborated directly with founders, took complete ownership of features, and mentored junior developers.

Software Engineer - Profomax 2025 - Present

- Served as the DRI for the legroom extension project, successfully migrating over 20,000+ users.
- Revamped the core legroom UI and integrated a cashback feature — a key revenue model — which significantly enhanced customer satisfaction and retention.
- Developed and implemented a car rental feature, enhancing user experience and increasing engagement.
- Created an Iframe feature to display partner offers, driving collaboration and revenue opportunities.
- Technologies Used: Node.js, Javascript, PostgreSQL, AWS EC2

Software Engineer Intern - Esper

2023 - 2024

- Led the end-to-end development and DevOps of the Google EMM microservice from scratch, successfully launching it within a month.
- Optimized device operations at a large scale by leveraging existing system components.
- Technologies Used: Postgresql, Docker, and Kubernetes

PROJECTS

Curv UI — Modern React + Tailwind Component Library

Project Link: <https://curvui.rkc.digital>

- Built a fully customizable, production-ready UI component library using React, TypeScript, Tailwind CSS, Framer Motion, and CVA for variant-based styling.
- Developed a documentation site with live previews, theme switching, code samples, and usage guidelines for developers.
- Structured the library in a monorepo (Turborepo) with isolated packages for UI, icons, utilities and documentation.
- Focused on developer experience by providing clean API design, intuitive props, variants and extensible utilities.

Issue-Hive — AI-Powered GSoC Issue Tracker

Project Link: <https://issue-hive.rkc.digital>

- Aggregated GitHub issues from 100+ organizations with AI-powered filtering and recommendations.
- Built CRON-based syncing, caching, and rate-limit handling for consistent data updates.
- Led and maintained 90% of the codebase, ensuring reliability and scalability.
- Implemented optimized data pipelines and a clean UI for fast issue discovery.

GossipU — Anonymous Social Microblogging Platform

Project Link: <https://gossipu.rkc.digital>

- Developed a full-stack social app for **10K+ users** with anonymous posting and **OTP-based authentication**.
- Architected scalable infra using **AWS, Docker, Nginx**, delivering 99.9% uptime.
- Implemented real-time commenting, notifications, and secure data flow.
- Optimized backend + database queries, improving API performance by **40%**.

EDUCATION

Bachelor of Engineering

December 2021 - July 2025

Sant Longowal Institute of Engineering & Technology, Sangrur, Punjab

Class 9th - Class 12th

2018 - 2021

All Saint's School, BSR, Uttar Pradesh

ADDITIONAL INFORMATION

Languages: English(Fluent) & Hindi(Native)

Certifications: HackerRank Certification in Java

Awards/Activities: Mentor in CodeRave Hackathon, 1st Winner in College Hackathon, 2nd Runner up in School Hackathon