

Kripanshu Singh

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Summary

I'm a full-stack engineer driven by a user-first mindset and a strong bias for action and simplicity. I take end-to-end ownership of the product lifecycle from idea to deployment, preferring the simplest pragmatic path that delivers measurable value quickly. I thrive on solving complex problems. I've built robust, secure, and scalable systems from the ground up.

Work Experience

CongKong May 2025 - present

Founding Full-Stack Engineer, Seoul, South Korea

Contributed to India's national health registries (NHPR & HPR) by building efficient backend APIs and integrating them with the frontend. Developed a critical key generation system for UHI signing, improving overall system security and functionality. Improved API response time by 40%

- Built 25+ efficient NestJS Backend APIs, improving data processing by 30%

- Implemented a secure key generation system, enabling 500+ daily secure transactions

- Integrated backend with frontend, enhancing experience for 1000+ doctors and hospitals.

Aarogya ID Dec 2024 - Mar 2025

Software Engineer Hyderabad, AP, India

Contributed to India's national health registries (NHPR & HPR) by building efficient backend APIs and integrating them with the frontend. Developed a critical key generation system for UHI signing, improving overall system security and functionality. Improved API response time by 40%

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Messold Technologies Jun 2024 - Aug 2024

App Developer Intern, Delhi, India

Developed a comprehensive dashboard that enabled our clients to effectively monitor and analyze their marketing spend across multiple platforms. Used by 500+ clients to track \$1M+ monthly ad spend across Google Ads, Facebook, and Shopify.

- Google Developer project :- Configured OAuth2.0, fetched Google Ads data. Automated retrieval of 200+ campaigns, saving 8 hours/week in manual reporting.
- Retrieved Facebook Ad campaign spend, streamlining the process for better financial tracking
- Shopify API - Created an app to access store spending data, reducing data access by 60% for 15+ stores.

Projects

Lost and Found App | <https://github.com/kripanshu-singh/lost-and-found-app>

- Lost and Found solves buried reports and unclaimed items on campus.
- I built a React Native app to quickly report, search, and claim lost things, photos, and filters make the process seamless.
- Smart alerts and campus admin verification prevent fraud and help owners recover belongings faster.

Claim-App | <https://claim-management.vercel.app/>

- Full-stack web application simplifying insurance claim processing for patients and insurers, supporting 15+ users and 50+ claim records. Built in 3 weeks as a personal learning project, featuring 2 role-based portals with secure JWT authentication and real-time status tracking.

CineVault | <https://cinevault-kripanshu.vercel.app/>

- Frontend web application. A comprehensive movie and TV show search application leveraging TMDB API to deliver detailed information for over 100,000 titles with an intuitive, user-friendly interface.

CongKong | <https://congkong-dashboard-kripanshu.vercel.app/>

- Backend application. A SpringBoot web-based application for patients to book appointments, receive automated reminders, and manage schedules efficiently.
- It ensures secure authentication, real-time notifications, and optimized data management.

Skills

- **Language:** Java, JavaScript, TypeScript, HTML, CSS, MySQL, SQL
- **Frameworks:** Spring Boot, Spring, React.js, Node.js, Redux, Next.js, NestJS
- **Tools & Technologies:** Git, Docker, Maven, Redis, DBMS, Swagger, Express.js, Node.js
- **Cloud and Databases:** Google Cloud (GCP), Netlify, Render, Vercel
- **RDBMS:** PostgreSQL, MySQL, SQL
- **NoSQL:** MongoDB, Redis
- **Other Skills:** Microservices, RESTful APIs, OOPs, Data Structures and Algorithms, DBMS, DSA
- **Soft Skills:** Communication, Problem solving, Critical thinking, Debugging, Teamwork

Education

Veer Bahadur Singh Purvanchal University, Jaunpur, India

Bachelor of Technology, Computer Science and Engineering

2023 - Present

Jaunpur, Uttar Pradesh

• **GPA:** Current CGPA: 8.01

St. Francis Convent School Bareilly, India

CBSE (Class XII)

2010 - 2022

• **GPA:** 86%