

# Kripanshu Singh

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## Summary

Aspiring software developer with internship experience in full-stack development and app creation, focusing on efficient data processing systems and dashboard analytics tools. Contributed to significant improvements in API response times and system security during projects at Aarogya ID and Messold Technologies. Eager to leverage skills in software development and data systems to drive technology innovations and improve operational efficiency in a dynamic team environment.

## Work Experience

### 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%

- 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.

### 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

### 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.
- Free-tier backend may require a brief loading time.

### 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.

### QuickDoc | <https://healthcare-appointment-system-dgl0.onrender.com/swagger>

- 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

**2023 - Present**

*Bachelor of Technology, Computer Science and Engineering*

*Jaunpur, Uttar Pradesh*

- **GPA:** Current CGPA: 8.01

### St. Francis Convent School Bareilly, India

**2010 - 2022**

*CBSE (Class XII)*

- **GPA:** 86%