

# KRIPANSHU SINGH

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## Work Experience

**Aarogya ID** | SDE Intern

12/2024 - 03/2025

Contributed to **NHPR** and **HPR** project by building efficient NestJS 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 secure key generation system, enabling **500+ daily secure transactions**
- Integrated backend with frontend, enhancing experience for **1000+ doctors** and **hospitals**.

**Messold Technologies** | App Developer Intern

06/2024 - 08/2024

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.
- Meta for Developer - Retrieved Facebook Ad campaign spend.
- Shopify API - Created an app to access store spending data, reducing data access by **60%** for **15+ stores**.

## Projects

**Claim-App** | [Github](#)

**Tech Stack:** React.Js, JWT, Redux, Node.js, Express, MongoDB

**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 brief loading time.

**CineVault** | [Github](#)

**Tech Stack:** React.Js, SCSS, TMDB API

**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.

**HealthCare appointment system** | [Github](#)

**Tech Stack:** Spring Boot, Docker, Redis, Microservices, MongoDB, JWT,

**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:** C++, C, Java, Python, JavaScript, TypeScript, HTML, CSS

**Frameworks:** Spring Boot, Spring, React.Js, Node.js, Redux, NextJs, 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

**NoSQL:** MongoDB, Redis

**Other Skills:** Microservices, RESTful APIs, OOPs, Data Structure and Algorithm, DBMS, DSA

## Education

**Veer Bahadur Singh Purvanchal University Jaunpur, India**

2023 - 2027

- Bachelor of Technology in Computer Science and Engineering, Current CGPA: **8.01**

(expected)

**St. Francis convent School Bareilly, India**

2010 - 2022

- **CBSE (Class XII): 86%**

## Additional Information

**Soft Skills:** Communication, Problem solving, Critical thinking, Debugging, Teamwork

**Languages:** Fluent in English and Hindi

**Certifications:** [Awarded the Specialist and Achiever certifications by CodingNinjas.](#)