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.

QuickDoc | 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.