DHRUV GUPTA

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SUMMARY

Full Stack Java Developer with expertise in Java, Spring Boot, React.js, and system design. Proven ability to build scalable APIs and optimize databases, driven to solve real-world problems.

TECHNICAL SKILLS

Languages: Java, JavaScript, C, Python, HTML, CSS
Frameworks & Technologies: Spring Boot, Spring Cloud (Eureka, API Gateway, Feign), React.js, Redux, TailwindCSS, Material UI, Ant Design
Backend: RESTful APIs, Microservices, WebSockets, Authentication (JWT, OAuth2)
Databases: MySQL, PostgreSQL
Tools: IntelliJ IDEA, VS Code, Git, GitHub, Maven, Docker, Kafka, Postman, Swagger
Cloud & Services: AWS (S3, EC2, Lambda, RDS), Google Cloud, Cloudinary, Brevo SMTP
Libraries: Apache POI, Lombok, JPA/Hibernate, Axios, Redux Toolkit
Testing & Security: JUnit, Mockito, RBAC, Data Encryption, Hashing
Development Skills: System Design, Scalability, Performance Optimization, CI/CD Pipelines

PROJECTS

TASK MANAGER - Task Management System (Microservices Architecture)　⦿ GitHub
- Designed a **scalable** and **modular microservices architecture** for users, tasks, and notifications.
- Devloped a **task management application** for seamless task creation, assignment, tracking, and status updates.
- Integrated **Spring Cloud** with **Eureka** for service discovery, **Spring Boot Admin** for real-time monitoring, and **API Gateway** for secure, centralized routing.
- Facilitated inter-service communication with **Feign Clients** and ensured fault tolerance using **Resilience4j**.
- Implemented **Spring Security** with **JWT authentication**; containerized services with **Docker** for scalability.
- Optimized **PostgreSQL** databases, reducing query response time by **40%** through indexing and caching.
- Implemented advanced features like **task prioritization**, **deadline reminders**, and **real-time notifications**, boosting productivity by **30%**.

AYUMED – Hospital & Pharmacy Management System　⦿ GitHub | Live ⧉
- Built a comprehensive system, automating workflows and reducing manual effort by 60%.
- Secured 5,000+ users with **OTP authentication**, email verification, and **role-based access control (RBAC)**.
- Reduced patient no-shows by 30% through **SMTP-based automated notifications** (Brevo SMTP).
- Streamlined bulk data management, increasing efficiency by 50% with **Excel import/export** using Apache POI.
- Boosted search accuracy by 40% with **location-based search** via Google Maps API.
- Ensured 100% data integrity with a **secure storage server** for medical records and prescriptions.
- Minimized medication wastage by 25% with **real-time inventory tracking**.
- Accelerated data retrieval by 70% through a **unified search** across hospitals, doctors, and medications.

THE GUPTAs – Food Ordering Management System　⦿ GitHub | Live ⧉
- Developed a scalable platform with a **React.js** frontend and **Redux** for efficient state management, boosting user engagement by 45% with **real-time order tracking** and dynamic listings.
- Built an **admin panel**, reducing management time by 50% through streamlined order and promotion handling.
- Increased repeat orders by 30% with **profile management**, order history, and a **favorites system**.
- Enhanced performance and UX with **Cloudinary** image optimization and a responsive UI with **Material UI**.
- Ensured seamless and secure transactions with **JWT authentication**, cart management, and 99% search accuracy.

EDUCATION

Indian Institute of Information Technology, Ranchi　Ranchi, Jharkhand
B.Tech in Electronics & Communication Engineering　*2022-2026*

ACHIEVEMENTS

Qualified for the internal round of **Smart India Hackathon 2024 (SIH)** among the top teams at IIIT Ranchi.
Completed multiple projects like Hospital Management, Food Delivery, and Hotel Booking Systems.
Active participant in coding contests on **LeetCode**, **GeeksforGeeks**, and **CodeChef** (2-star).