

CHIRAG CHAWLA

Software Development Engineer

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PROFESSIONAL EXPERIENCE

HashedIn By Deloitte, Software Engineer III

02/2024 – present | Gurugram, India

Project: Mayo Clinic - Healthcare Integration Platform

- Architected backend services for **billing, locations, and product catalog domains** of a healthcare integration platform, defining domain models and service interaction flows in Java and Spring Boot.
- Partnered with **clinical operations and product leaders** to translate ambiguous workflows into backend designs, owning architectural decisions from discovery through API rollout.
- Built secure data-exchange APIs and PHI-safe schemas between internal microservices and **Epic** (the EHR platform used by most major U.S. hospitals), passing **100% of HIPAA compliance requirements** across the integration.
- Served as **backend tech lead** across **3 parallel workstreams**, driving technical direction with engineering, product, and clinical stakeholders, with designs reviewed and approved by the platform architect — accelerating delivery across dependent teams.
- Earned **Excellence Award** for technical leadership and foundational architectural contributions.

Project: Promo5k - Walmart's Promotional Pricing Engine

- Built Walmart's global promotional pricing engine, automating festive and campaign price updates, **reducing manual intervention by 80%** and ensuring compliance across 3 international markets.
- Engineered scalable backend workflows to update **10K+ SKUs** in near real-time, cutting latency from **24 hours to under 4 hours**.
- Enabled a **15%** uplift in seasonal campaign revenue by accelerating and stabilizing global promotional rollouts.
- Led sprint demos, mentored junior engineers, and conducted peer code reviews, improving team delivery quality and velocity.

Project: J.P. Morgan Chase – Corporate & Investment Bank (CIB)

- Migrated 25+ legacy apps to **ForgeRock CIAM**, reducing authentication latency by 40% and centralizing access control
- Upgraded 10+ services from **Java 8 to 17** and **Spring Boot 2.7 to 3.x**, improving cold-start time by 35%
- Rolled out **blue-green deployments with A/B testing** on EKS, eliminating downtime during releases
- Integrated backend services with **Mercury** via REST APIs, enabling secure data flows for 2M+ identity records
- Ensured 100% on-time delivery across 3 quarters; awarded **Spot Award** for independently leading IAM modernization

Hughes Systique Corporation, Software Engineer

11/2021 – 02/2024 | Gurugram, India

Project: Wireless Emergency Alerts

- Led backend development of the NG911 emergency alert service, enabling accurate mobile user detection for next-generation safety systems.
- Optimized high-volume alert APIs, **reducing response time by 90% for 100K+** emergency alerts, improving reliability of public safety communication.
- Built scalable microservices using **Spring Boot, PostgreSQL, and Redis**, ensuring fault-tolerant, low-latency access to real-time alerts.
- Led sprint ceremonies, feature planning, and stakeholder demos, improving collaboration and cycle efficiency across teams.
- Delivered multiple feature rollouts ahead of schedule, earning **2 Instant Awards** and recognized as **Budding Performer** for ownership and delivery excellence.

Tata Consultancy Services Limited, Associate System Engineer

07/2019 – 09/2020 | Mumbai, India

Project: Mission Critical Push To Talk

- Worked as backend software engineer building Mission Critical Push To Talk building web application using **Spring MVC, MySQL** for backend and Agile methodology for development.
- **Improved user experience** significantly by reducing record load time by over **60%**, optimizing the retrieval of user search results with applied filters.
- Accelerated development by **30%** through creation of generic utilities for seamless API integration across the USM project.

Reliance Jio Infocomm Limited, Network Intern

06/2018 – 07/2018 | Gurugram, India

- Worked in the network function for the Delhi-NCR region, contributed to improving routing mechanisms for 4G networks.

PERSONAL PROJECTS

FitDrool

08/2021 – 10/2021

- Built a health-tech marketplace connecting gyms, trainers, and nutritionists; onboarded **10+ creators** for beta launch.
- Designed and developed backend services using **Spring Boot and MySQL**, exposing REST APIs for onboarding, scheduling, and user management.
- Structured data models and optimized queries for **low-latency retrieval and scalability**.

SKILLS

Programming: Java | Spring Boot | Hibernate | Microservices

Data Management: PostgreSQL | Redis | Kafka

Deployment: Docker | Kubernetes | Helm | AWS

EDUCATION

B.Tech (ECE), Bhagwan Parshuram Institute of Technology, GGSIPU
CGPA : 7.3/10

08/2015 – 06/2019