

# Chaitanya Bhardwaj | Software Engineer

Phone: +91 8979676872, Email: chaitanyabhardwaj89@gmail.com,

Address: Bengaluru, Karnataka, India

[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

## SUMMARY

Backend Engineer (5+ years) specialising in distributed, event-driven, and cloud-native systems using Java, Spring Boot, Kafka, and Redis. Designed scalable microservices and real-time streaming pipelines with strong focus on performance, reliability, resilience, and data consistency. Hands-on experience in HLD/LLD, system design, and CI/CD automation.

## WORK EXPERIENCE

### Backend Engineer

*Cognizant, Bengaluru (July 2021 - Current)*

**Tech:** Java, Spring Boot, Spring Batch, Kafka, Redis, PostgreSQL, SQL Server, Docker, Kubernetes, Azure DevOps, OpenAPI

- Contributed to HLD and LLD for scalable and fault-tolerant microservices by participating in architectural discussions.
- Developed multiple low-latency RESTful APIs for a North American healthcare provider. Improved response time from seconds to milliseconds for high-traffic APIs by introducing Redis caching, improving throughput by 50%.
- Designed and implemented Kafka-based event-driven pipelines (producers & consumers) to support real-time streaming and asynchronous workflows.
- Promoted design-first-development by leveraging tools like OpenAPI.
- Automated time-intensive processes with nightly SpringBatch jobs which reduced manual effort by up to 97%.
- Implemented centralised exception handling via AOP(Aspect oriented programming), reducing ElasticSearch memory consumption and improving stability.
- Integrated PostgreSQL and SQL Server with optimised queries and indexing, in Java applications.
- Improved deployment speed and reliability by implementing CI/CD pipelines using Azure DevOps.
- Experienced in integrating Generative AI (GenAI) tools into production systems to deliver features efficiently.
- Collaborated with cross-functional stakeholders to define requirements and delivery plans.

### Full Stack Engineer

*Nlyze, Remote (November 2020 - March 2021)*

**Tech:** HTML, CSS, Javascript, NodeJs (Serverless), Cloud (Firebase), NoSQL (Firestore)

- Developed real-time data processing and analytics features for a cloud-hosted platform, enabling live dashboards and reporting for clients.
- Designed and implemented backend services and APIs to support reliable data ingestion, aggregation, and delivery.
- Optimised data storage models and query patterns to reduce latency and improve system responsiveness.
- Implemented secure authentication and authorization workflows, enhancing platform security and usability.
- Collaborated with product and data stakeholders to design scalable, maintainable backend architecture in a fast-paced startup environment

## SKILLS

### Backend

Java, Spring Boot, Spring Batch, Redis, Kafka, OpenAPI

### Cloud and DevOps

Azure DevOps, Docker, Kubernetes

### Database

MySQL, PostgreSQL, SQL Server

### Architectural

OOP, Design patterns, Microservices, LLD & HLD, Event-Driven, Distributed Systems, Data Structures & Algorithms

## PERSONAL PROJECTS

### Blockchain Simulator (Event-Streaming / Distributed System Project)

A program that mimics how a blockchain operates.

**Tech:** SpringBoot, Angular, Kafka, Cloud(Azure), APIGateway, EurekaServer, SonarQube, Mining, SHA-256, Proof-Of-Work and consensus using Distributed P2P network.

### OpenAI Data Structure Predictor

This app recommends suitable data structures applicable for any given situation. Built using OpenAI API.

**Tech:** LLM, RAG & Generative AI based application (GenAI), APIs.

## ACHIEVEMENTS

### Sports Image Classification

A framework for classifying sports images based on the environment and related surroundings.

## EDUCATION

Bachelor's Of Technology in Computer Science

Graphic Era University, Dehradun (2016 - 2021)