

GANEEV KAUR CHHABRA

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SUMMARY

Computer Science student with expertise in Java microservices, Spring Boot, and backend development. Proven experience building scalable applications using Docker containerization, event-driven systems, and database optimization, with additional exposure to authentication and CI/CD pipelines.

EDUCATION

B.Tech in Computer Science & Engineering

Bharati Vidyapeeth's College of Engineering, New Delhi

2022 - Present

8.773 CGPA

EXPERIENCE

Backend Engineering Intern

Jul 2025 - Present

Stealth Startup (Remote, Bangalore)

- Developed **REST APIs** and **microservices** for a multiplayer platform using **Kotlin**, **Spring Boot**, and **PostgreSQL**, enabling seamless player interactions, scalable data management, and reliable feature delivery in production.
- Integrated backend services with **Nakama** to manage authentication, leaderboards, and progression.
- Implemented secure **JWT authentication** and **Google OAuth**, reducing login-related issues by 40%.
- Automated containerized deployments with **Docker** and built **CI/CD pipelines** using **Jenkins**.
- Monitored API performance and system health through **Grafana**, enhancing reliability and debugging efficiency.
- Collaborated in an agile team environment with **Git-based version control**, accelerating feature delivery by 20%.

Product Development Intern

Jul 2023 - Sept 2023

Learning Folks

- Led **product strategy planning and execution** aligning user requirements with business objectives, resulting in 25% improvement in user satisfaction metrics.
- Facilitated **cross-functional team collaboration** driving product development initiatives, accelerating project delivery by 30%.
- Analyzed project requirements and delivered **user-focused solutions** improving usability by 40%.
- Resolved development roadblocks through **systematic problem-solving**, reducing project delays by 50% and improving team productivity.

PROJECTS

Fintech Microservices Platform

Apr 2025 - Jun 2025

Technologies: Java, Spring Boot, Spring Cloud, Docker, MySQL, RabbitMQ

- Architected **scalable Spring Boot microservices platform** supporting high-volume financial transactions.
- Implemented **enterprise-grade JWT authentication and Spring Security protocols** reducing security vulnerabilities by 80%.
- Designed **event-driven architecture with RabbitMQ** processing 500+ real-time events per minute.
- Streamlined **containerized deployment using Docker Compose** accelerating deployment cycles by 60%.
- Integrated **MySQL database with JPA/Hibernate ORM** ensuring data consistency and refined performance.

Live Demo: ganeevkc.github.io

Source Code: github.com/ganeevkc/fintech-microservice-app

TECHNICAL SKILLS

Core Programming: Java/Kotlin, JavaScript, Python, SQL, HTML5, CSS3

Backend Development: Spring Boot, Spring Security, Nakama, Node.js, Express.js, RESTful API development

Database Management: PostgreSQL, MySQL, MongoDB, JPA/Hibernate ORM, database optimization

DevOps & Tools: Docker & Docker Compose, Jenkins, Grafana, Git version control, Maven, Gradle build automation

Frontend Development: React.js, responsive web design, cross-browser compatibility

Messaging & Architecture: RabbitMQ, AMQP protocols, microservices architecture, event-driven systems

ACHIEVEMENTS & OTHERS

- **Publications:** "Safeguarding Privacy and Security in AI-enabled Healthcare Informatics" (2024)
- Ranked **#1** in non-medical stream at HSC level with perfect **100/100 score in Computer Science**, achieving newspaper recognition for exceptional academic excellence and technical proficiency.
- **Technical Lead** at GeeksForGeeks-BVP student chapter, leading technical initiatives and mentoring peers in competitive programming and software development.