

GARVIT JOSHI

Bengaluru, Karnataka, India · garvitjoshi9@gmail.com · +91-7983856395
Portfolio · LinkedIn · GitHub

PROFESSIONAL SUMMARY

Software Engineer with 3+ years developing scalable Java applications and microservices. Experienced in performance optimization, system design, and agile software delivery.

TECHNICAL SKILLS

Programming Languages:	Java (8-21), SQL, JavaScript, Python
Frameworks & Libraries:	Spring Boot, Spring Data JPA, Spring Security, Spring WebFlux, jOOQ, JDBC
Cloud & DevOps:	AWS (S3, EC2, Route 53, SDK), Docker, Kubernetes, CI/CD, Git
Databases:	PostgreSQL, MySQL, Amazon Redshift, Amazon DynamoDB, Redis, Neo4j
Message Brokers:	Apache Kafka, RabbitMQ
Tools & Technologies:	Virtual Threads, Thread Pool Executors, Reactive Programming, Keycloak
Methodologies:	Agile, Scrum, Test-Driven Development (TDD), RESTful APIs

PROFESSIONAL EXPERIENCE

MoveInSync

Bengaluru, Karnataka

Software Engineer 2

April 2024 - Present

- Optimized routing algorithms achieving 40% improvement in computational efficiency through performance profiling
- Reduced customer support tickets by 23% through automated error detection
- Applied Neo4j graph database for geocode storage, reducing query time by 35%
- Collaborated with cross-functional teams to deliver 5 major feature releases on schedule

Software Engineer

May 2022 - March 2024

- Developed vehicle optimization algorithms for employee transportation, increasing capacity utilization by 30%
- Streamlined POI setup for client onboarding, reducing setup time from 2 days to hours
- Built employee scheduling system using genetic algorithms, reducing costs by 25%
- Created Configuration Service for customizable routing algorithms, improving client satisfaction by 15%
- Built RESTful APIs for route optimization and employee scheduling services, maintaining 99.99% uptime
- Integrated Redis caching layer improving API response time by 40%

Software Engineer Intern

October 2021 - April 2022

- Enhanced UI test automation, increasing coverage from 40% to 75% and reducing regression testing by 50%
- Integrated JPA and executed caching strategies, improving performance by 30% and stability by 5%
- Created automated deployment scripts reducing deployment time from 2 hours to 15 minutes

EDUCATION

Lovely Professional University

Jalandhar, Punjab

Bachelor of Technology in Computer Science

August 2018 - July 2022

GPA: 7.77/10.0

Relevant Coursework: Data Structures, Algorithms, Database Management Systems, Operating Systems, Software Engineering

PROJECTS

Mailing Service Java 17, Spring Boot 3.x, AWS SES, PostgreSQL

GitHub

Built email automation system for AWS Cloud Community-LPU serving 200+ members

- Applied email automation using AWS SES, reducing manual communication effort by 80%
- Designed registration system handling 1000+ concurrent users

Iron Hide - Auditing Service Java 21, Spring Boot 3.x, PostgreSQL, Virtual Threads, Kafka

GitHub

Developed enterprise auditing service with Kafka and REST API integration

- Utilized Java 21 virtual threads achieving 3x performance improvement
- Built event-driven architecture processing 100,000+ audit events per hour
- Enforced logging and monitoring dashboard using Spring Boot Actuator

CERTIFICATIONS & ACHIEVEMENTS

- Founded and led AWS Cloud Community-LPU with 200+ active members
- Conducted 5+ technical workshops on cloud computing and Java development
- Contributed to open-source projects and maintained high code quality standards