

GARVIT JOSHI

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Portfolio · LinkedIn · GitHub

PROFESSIONAL SUMMARY

Software Engineer with 3+ years building scalable Java applications and microservices. Optimized routing algorithms by 40% and reduced support issues by 23% through system improvements and automation.

TECHNICAL SKILLS

Programming Languages:	Java (8-21), SQL, JavaScript, Python
Frameworks & Libraries:	Spring Boot, Spring Data JPA, Spring Security, Spring Reactive Web, 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

Software Engineer 2

Bengaluru, Karnataka

April 2024 - Present

- Optimized routing algorithms achieving 40% improvement in computational efficiency through advanced profiling techniques
- Reduced customer support issues by 23% through system monitoring, issue resolution, and automated error detection
- Architected and implemented Neo4j graph database solution for storing geocode distances, reducing computation time by 35%
- Mentored 3 junior developers on best practices for microservices development and performance optimization
- 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 commute automation, maximizing cab utilization by 30%
- Streamlined point of interest (POI) setup process for new client onboarding, reducing setup time from 2 weeks to 3 days
- Engineered dynamic employee scheduling solution using genetic algorithms, reducing mobility costs by 25%
- Designed and created Configuration Service enabling customizable routing algorithms, improving client satisfaction by 15%
- Constructed RESTful APIs handling 10,000+ requests per minute with 99.9% uptime
- Integrated Redis caching layer improving API response time by 40%

Software Engineer Intern

October 2021 - April 2022

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

EDUCATION

Lovely Professional University

Bachelor of Technology in Computer Science

GPA: 7.77/10.0

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

Jalandhar, Punjab

August 2018 - July 2022

PROJECTS

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

GitHub

Founded and led AWS Cloud Community-LPU; created official mailing engine and registration system serving 200+ members

- Deployed email automation using AWS SES, reducing manual communication effort by 80%
- Designed scalable architecture handling 1000+ concurrent registrations

Iron Hide - Auditing Service *Java 21, Spring Boot 3.x, PostgreSQL, Virtual Threads, Kafka* GitHub
Engineered enterprise-grade auditing service for seamless integration with Kafka and REST controllers

- Leveraged Java 21 virtual threads achieving 3x performance improvement over traditional thread pools
- Constructed event-driven architecture processing 100,000+ audit events per hour
- Established comprehensive 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