

# Gireesh Pareek

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## CORE COMPETENCIES:

- Software Engineer with 4+ years of experience building secure, high-availability, low-latency microservices in banking & fintech.
- Strong expertise in Java 17+, Spring Boot, Kafka, Distributed Systems, EKS, AWS, Snowflake.
- Hands-on with system design, SDLC, CI/CD pipelines, resiliency patterns, and operational stability.
- Practical experience with AI ecosystems (ChatGPT, Claude, Gemini), AI agents, RAG pipelines, and automation workflows.
- Proven track record delivering scalable, production-grade systems with 99.9% uptime and optimized performance.

## EDUCATION:

[National Institute of Technology, Hamirpur](#) - B.Tech, EE

May 2017 - Jun 2021

## PROFESSIONAL EXPERIENCE:

[JP Morgan Chase & Co.](#), Bengaluru, India

Feb 2025 - Current

Software Engineer

- Designed, developed, and optimized secure, cloud-native microservices supporting critical workflows.
- Delivered high-quality Java 17+ / Spring Boot production code, ensuring resiliency, reliability, and strong performance SLAs.
- Performed upgrades on multiple legacy systems, modernizing architecture and improving long-term stability and maintainability.
- Led migration of a monolithic Global Payments Interface UI to EKS-based distributed microservices, significantly improving scalability.
- Built backend batch workflows using AWS MWAA, reducing operational overhead and enhancing system reliability.
- Integrated AI-powered automation (ChatGPT, Claude, Gemini, AI agents, RAG servers) to eliminate recurring issues and reduce manual effort by 40%+.

[Zen & Art](#) (Working for [Morgan Stanley](#)), Bengaluru, India

Apr 2023 - Feb 2025

Software Engineer

- Built large-scale data processing systems handling high-volume financial transactions with strong performance, audit compliance, and 99.9% uptime.
- Responsible for basic design → system design → interface design → unit/integration/acceptance testing.
- Improved system throughput and operational stability through optimized workflows and distributed processing patterns.
- Integrated multiple external systems ensuring seamless data consistency and secure communication.

[Accenture](#) (Working for Amazon Prime Air), Bengaluru, India

July 2021 - Apr 2023

Full Stack Developer

- Enhanced the 3D Experience platform, improving performance by 25%.
- Built React.js components & RESTful APIs, improving user interactions by 15%.
- Contributed to the full SDLC including design, development, testing, and deployment of enterprise-grade applications.

## SKILLS:

Languages	:	Java 17+, Scala, Kotlin, JavaScript, Python, SQL
Frameworks	:	Spring Boot, React.js, JUnit, Optimus
Cloud & Infra	:	AWS, Docker, Kubernetes (EKS), CI/CD, Apache Airflow
Distributed Systems	:	Apache Kafka, Redis, Distributed Cache
Databases	:	MySQL, MongoDB, Snowflake
AI/ML	:	ChatGPT, Claude, Gemini, DeepSeek, AI Agents, RAG Pipelines
Others	:	System Design, DS & Algorithms, Git

## SIDE PROJECTS:

### Analyst Chat | Java, Spring Boot, MongoDB

- Built a secure real-time messaging system for financial analysts with authentication, encryption, and scalable event-handling.
- Designed backend to support high-volume messages with minimal latency, integrating real-time notifications.

### ShopMe | Java, Spring, MySQL

- Developed an MVC-based e-commerce platform with product catalog, authentication, order management, and shopping cart features

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## CERTIFICATIONS & AWARDS

- Most Innovative Solution, MUJ Hacks – Jaipur
- Web Development Bootcamp – Udemy
- Java Full Stack Training – Accenture

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## PERSONAL DETAILS:

Date of birth	:	13-April-1999
Gender	:	Male
Citizenship	:	India
Languages Proficient	:	English, Hindi, Japanese (Very Basic)
Visa Details	:	Japanese dependent visa (Valid till 2028)