

Priyansh Singhal

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Professional Summary

Backend Software Engineer experienced in scalable backend systems using Java, Spring Boot, and RabbitMQ, with ownership across design, development, and production deployments.

Work Experience

Addverb Technologies Ltd. | Software Engineer (GET)

Jan'25 - Present

- Built and owned backend services for distributed warehouse execution systems, supporting high-throughput, low-latency processing in production environments.
- Designed scalable, fault-tolerant microservices using Java, Spring Boot, and RabbitMQ, implementing asynchronous workflows, retries, and idempotent message handling.
- Led data modeling and persistence design using MSSQL and MongoDB, ensuring data consistency, traceability, and efficient batch processing at scale.
- Drove features from design to production, contributing to architecture discussions, code reviews, SIT/UAT, and zero-downtime production go-lives.
- Collaborated with cross-functional teams to integrate backend systems with downstream services and external interfaces; delivered technical demos and supported production adoption.

Technical Skills

Backend: Java, Spring Boot, REST APIs, RabbitMQ, Node.js

Databases: MSSQL, MySQL, MongoDB, Redis, Firebase

Messaging & Integration: RabbitMQ, FTP/SFTP

Tools & DevOps: Git, Docker

Frontend (Basic): JavaScript, React.js

Projects

EmoTunes: Personalized Music Recommendations through Facial Emotion Detection | React.js, Flask, Node.js, Spotify API

- Built an end-to-end full-stack application that recommends music based on real-time facial emotion detection.
- Designed REST APIs and service-to-service communication between React frontend, Node.js backend, and Flask-based ML service.
- Integrated Spotify APIs to dynamically generate playlists and add them to user accounts in real time.
- Delivered a fully functional prototype in a 24-hour hackathon with a 4-member team.

Awards and Certifications

: Advanced to Round 2, **BrAINWARS 2024** – National case competition by Bain & Company.

: **Winner, Inter-College Improv Competition (Bennett University, 2024).**

: Two-time Dean's List Awardee for academic excellence.

Education

Shiv Nadar University

August 2021 - May 2025

Bachelor of Technology in Computer Science and Engineering (GPA: 8.36 / 10.00)

Greater Noida, Uttar Pradesh

City Montessori College

May 2018 - May 2020

High School Certificate (ISC) - (Percentge: 97%)

Lucknow, Uttar Pradesh

Co-Curricular Activities

Associate Secretary, Dramatics Society, Shiv Nadar University (March 2023 - March 2024)

: Organized and performed in numerous street plays, stage plays, and short films both inside and outside the university.

Part of the Development Team at Google DSC