

Piyush Kumar

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SUMMARY

Senior Software Engineer with 3+ years of experience specializing in Java, Spring Boot, and API development. Proven ability to deliver high-performance solutions and optimize complex systems. Seeking an opportunity in the IT industry to leverage technical expertise, drive innovation, and contribute to organizational success while fostering continuous personal and professional growth within a collaborative environment.

EDUCATION

RCC Institute of Technology

Kolkata, India

B.Tech in Information Technology(CGPA - 8.62)

June 2018 - July 2022

PROFESSIONAL EXPERIENCE

Software Engineer

May 2025 - Present

OroSoft Solutions

Pune, India

- Enhanced application scalability and performance by integrating **gRPC-based communication** in microservices architecture during a project, enabling efficient and high-speed service-to-service interaction.
- Optimized back-end functionality by leveraging **Spring Boot**, **Kafka**, and **Hibernate** to prototype and refine data streaming pipelines and database operations, ensuring seamless real-time processing and improved query performance.

Senior Software Engineer

Feb 2022 - May 2025

Persistent Systems

Pune, India

- Redesigned the **Covers page** by eliminating boilerplate code and transitioning to a fully dynamic architecture, enhancing performance by 40% and improving code readability and maintainability.
- Designed and developed APIs** using **Spring Boot** and **microservices** for seamless communication, and integrated a high-performance payment gateway, reducing processing time and accelerating policy creation.
- Engineered a **Kafka-based logging system** and a **Redis microservice** to enhance system resilience, scalability, and reduce critical operation response times by 40%.
- Streamlined complex query execution by transforming them into efficient **stored procedures** and automating processes with a job scheduler, improving database stability, latency, and reducing storage space.

TECHNICAL SKILLS

Programming Languages: Core Java | C# | Data Structures and Algorithms | JavaScript

Back-End: Spring Boot | Microservices | .NET | RESTful APIs | Object-Oriented Design | Hibernate | Redis | API Gateway
gRPC | GraphQL

Project Management/Tools: Git | Azure Boards | JIRA | Swagger | Postman

Database: MSSQL | PostgreSQL

Messaging Tools: Kafka

PROJECTS

Anuvad(Java | OpenAI | ReactJs | Django)

Corporate Team Hackathon

- Built 'Anuvad,' a system that converts text to speech in a person's voice across multiple languages using OpenAI APIs.
- Developed the backend with Django for API integration and the frontend with ReactJS for a user-friendly interface.

PDF Summarizer(Java | OpenAI | Vector Embedding)

Personal Project

- Built a PDF summarization system using vector embeddings and OpenAI APIs for accurate text processing.
- Developed the backend with Spring Boot for efficient integration and the frontend with ReactJS for a seamless user experience.

CERTIFICATION & ACHIEVEMENTS

- Received consecutive **Bravo award** for Client appreciation.
- Successfully completed **az-900** azure fundamental and **AWS Certified Cloud Practitioner** certification.
- Achieved 3* on **CodeChef** with a highest rating of **1670** and secured top ranks under 1500 in **Leetcode** contests and under 1000 in **Google Kickstart**, demonstrating strong problem-solving skills.