

# Shashi Kiran Bolleddula

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## Professional Summary

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Backend-focused Software Engineer with **2.5+** years of experience building scalable and reliable systems using **Java**, **Spring Boot**, **Spring Batch**, **Hibernate**, and **SQL**. Proven ability to design RESTful APIs, automate high-volume data pipelines, and improve lead conversion and system efficiency in production environments.

## Work Experience

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- Software Engineer** July 2023 – Present  
*Magicbricks* Bangalore, India
  - Designed and developed scalable **RESTful APIs** using **Java**, **Spring**, **Hibernate** to support CRM, interior design workflows, partner onboarding, and quotation systems.
  - Integrated third-party **SEGMENT APIs** to automate AI image generation workflows, improving processing efficiency and reducing manual design effort.
  - Designed backend systems for a centralized **Content Management System (CMS)** enabling secure media storage and retrieval using **Amazon S3**.
  - Developed a custom CRM platform for sales agents and Relationship Managers (RMs) to track leads, manage follow-ups, and streamline communication workflows.
  - Built a **brand recommendation system** using business rules and micromarket data to surface top interior brands based on user budget and preferences.
  - Engineered a **dynamic quotation and cost estimation engine** that calculates interior project budgets based on size, material, finish, and hardware parameters.
  - Improved mobile site engagement, increasing lead traffic by **5–10%** through enhanced user experience and design exploration capabilities.
  - Integrated **Kafka** for asynchronous, event-driven communication between CRM systems, partner applications, and notification services.
  - Built and maintained backend services in a **microservices-based architecture**, ensuring transactional consistency and fault tolerance across distributed systems.
  - Implemented automated data ingestion pipelines using **Spring Batch** to process high-volume marketing and lead data in near real-time, significantly reducing manual intervention.

## Technical Skills

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- **Backend:** Java, Spring Boot, Spring MVC, Spring Batch, Hibernate, REST APIs, Microservices
- **Messaging & Data:** Kafka, SQL, ORM, Batch Processing
- **Frontend:** React.js, JavaScript, HTML, CSS
- **DevOps & Cloud:** Git, Jenkins, Linux, Amazon S3
- **Tools:** VS Code, Postman, IntelliJ, Putty
- **Soft Skills:** Problem Solving, Team Collaboration, Time Management, Communication

## Education

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- **National Institute of Technology** Nagpur, India  
*B.Tech in Computer Science and Engineering – CGPA: 7.71/10* July 2019 – May 2023
- **Narayana Junior College** Hyderabad, India  
*12th Grade (Science) – 98.6%* June 2017 – May 2019

## Achievements

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- Recognized with the **Gold Star Award** for outstanding performance in quarters **AMJ-25**, **OND-24** and received the '**You Did It**' award for exceptional contribution in **JAS-24**.