

Deepak Jaiswal

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PROFESSIONAL SUMMARY

Senior Software Engineer with **5+ years** of experience architecting scalable backend systems that directly impact revenue and operational efficiency. Reduced system latency by **70%** across core user flows by designing search infrastructure powering **200K+** orders & **100+** brand catalogs. Specialized in **Node.js, PostgreSQL, MongoDB, AWS, Redis, and Elasticsearch**. Proven track record of owning end-to-end products from **CRM & Product Search** platforms to **3rd party** integrations with cross-functional collaboration across product, design, and operations teams.

WORK EXPERIENCE

Senior Software Engineer

JUN 2022 – Present

Minoan Experience

Noida, IN

- Owned the **entire search infrastructure** (Algolia + Elasticsearch), powering orders and brand catalogs. Implemented partial search, brand filter APIs, keyword management with bulk upload tooling, product deduplication, and automated OOS/discontinued checks, **reducing query latency by 75%**.
- Built a **CRM platform from scratch** for internal teams - with features like advanced filtering/sorting, custom views, CSV export, and Intercom data connector for user segmentation, **reducing issue resolution time by 40%** and improving **CSAT by 25%**.
- Architected the **Shopify** e-commerce integration, handling order placement, fulfillment webhooks, and catalog sync across 20+ brand partners. Resolved critical production issues, including duplicate fulfillment nodes (race condition), duplicate order prevention, and multi-currency Canadian store support.
- Designed a **Pricing Automation Engine** integrating API-based and AI-scraped pricing with error-state handling, replacing manual workflows and **increasing productivity by 40%**.
- Engineered the **shipment-tracking microservice** with Aftership integration. Executed SDK migration, built cron-based stale tracking recovery, and webhooks for real-time updates, reducing manual errors by **80%**.

Associate Software Engineer

Feb 2021 – May 2022

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Bangalore, IN

- Enhanced APIs for Account Creation, Billing, and Payment modules on the Oracle BRM platform. Built automation scripts for deployments and environment setup, reducing deployment cycles by 15%.
- Mentored 8 team members on Oracle BRM customization and development best practices, driving a 40% improvement in team productivity. Received the **Star Trainee Performer Award**.

EDUCATION

Bachelor of Technology

Jul 2016 - May 2020

KIIT University - 8.5 CGPA

Bhubaneswar, IN

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python

Backend: Node.js, Sails.js, Express.js, REST APIs, Microservices

Databases: PostgreSQL, MongoDB, Redis

Queues: Bull MQ, AWS SQS

Search & Analytics: Algolia, Elasticsearch

Cloud & DevOps: AWS (EC2, Lambda, S3, RDS, CloudWatch), Docker, CI/CD

Integrations: Aftership, Intercom, Balance, Shopify, Firebase, SendGrid, Flowcode

Testing & Quality: Mocha, Chai, Jest, ESLint, Code Reviews

Security & Auth: JWT, Bcrypt, Joi, Zod

Developer & AI Tools: Webstorm, Cursor, Claude Code, Git, Postman, Jira

PUBLICATIONS

Multiplication of Two Polynomials Using Linked List - [GeeksForGeeks](https://www.geeksforgeeks.org/multiplication-of-two-polynomials-using-linked-list/)