

# AKASH KUMAR

Bengaluru, Karnataka, India

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## SUMMARY

Detail-oriented Full-Stack Developer with expertise in building and deploying scalable web applications using Java, Spring Boot, and React. Proficient in creating secure RESTful APIs, managing databases, and containerizing services with Docker. Eager to leverage a strong foundation in software engineering principles to contribute to a dynamic development team.

## EDUCATION

### RVS College Of Engineering And Technology, Jamshedpur

Bachelor of Technology in Computer Science and Engineering

2019 – 2023

Percentage: 77.00%

### Government Polytechnic Dumka

Diploma in Computer Science and Engineering

2016 – 2019

Percentage: 65.00%

## TECHNICAL SKILLS

**Languages:** Java, JavaScript

**Frameworks:** Spring, Spring Boot 3, Hibernate, React.js, Tailwind CSS

**Spring Modules:** Spring Core, Spring MVC, Spring Data JPA, Spring Security, Spring Web

**Databases:** PostgreSQL, MySQL, MongoDB

**Developer Tools:** Docker, Docker Compose, Git, GitHub, Maven, Postman, IntelliJ IDEA, VS Code

**Web Services & APIs:** RESTful APIs, JSON, JWT, Razorpay API, Google Gemini API

**Soft Skills:** Problem Solving, Quick Learner, Adaptability, Team Collaboration, Effective Communication

## PERSONAL PROJECTS

### Full-Stack E-Commerce Platform (Nykaa Clone)

Links: [GitHub](#) | [Live Demo](#)

- Developed a feature-rich e-commerce application using Java Spring Boot and React, featuring a secure RESTful API with Spring Security and JWT for robust user authentication and role-based access.
- Implemented a dynamic product catalog, persistent shopping cart, and secure checkout integrated with the Razorpay payment gateway.
- Created a full CRUD admin dashboard for managing products, categories, users, and orders.
- Containerized the application using Docker and managed the multi-service environment with Docker Compose.

### AI Quiz Master

Links: [GitHub](#) | [Live Demo](#)

- Built a full-stack quiz application that generates unique questions in real-time by calling the Google Gemini generative AI API.
- Engineered a reactive Spring Boot backend using 'WebClient' for non-blocking API calls to Google Gemini.
- Designed a responsive frontend with React and Tailwind CSS, managing application state with React Hooks.
- Deployed the full-stack application by hosting the Dockerized backend on Render and the static frontend on Vercel.

### Culinary Compass (Meal Planner)

Links: [GitHub](#) | [Live Demo](#)

- Developed a full-stack meal planning application with a Spring Boot backend, React frontend, and a serverless PostgreSQL database (Neon).
- Engineered a secure RESTful API with JWT authentication for user data management and recipe saving.
- Implemented features to search external recipes (via Spoonacular API), plan weekly meals on a calendar, and automatically generate a consolidated shopping list.

## ACHIEVEMENTS

- AM-CAT Certified Technical Operations Associate (Mar 2023)
- AM-CAT Certified Data Processing Specialist (Nov 2022)
- NathCorp Workshop on Cloud Infrastructure and Cloud Computing (Nov 2021)