

Akash Kumar

Developer

Bachelor of Technology

RVS College Of Engineering And Technology, Jamshadpur

+91-9430171214/7004972052

akash220701@gmail.com







akashkumarsky

akash-kumar-sky

EDUCATION

- **Bachelor of Technology in Computer Science and Engineering** *JUT-2019-23*
Computer Science and Engineering parentage : 77.00
- **Goverment Polytechnic Dumka** *SBTE-2016-19*
Computer Science and Engineering parentage : 65.00
- **S.B.P Vidya Vihar Bousi Baka** *CBSE-Mar-2016*
Higher Secondary Examination parentage : 64.60

PERSONAL PROJECTS

- **Full-Stack E-Commerce Platform (Nykaa Clone)**   <https://nykaa-frontend.onrender.com/>
Developed a feature-rich e-commerce application using Java Spring Boot and React with Tailwind CSS.
 - • Secure RESTful API with **Spring Security** and **JWT** for robust user authentication and role-based access.
 - • Implemented a dynamic product catalog with multi-level filtering, a persistent shopping cart, and a secure checkout process integrated with the **Razorpay** payment gateway.
 - • Admin dashboard for full CRUD management of products, categories, brands, user roles, and order statuses.
 - • Containerized the application using **Docker** and managed the multi-service environment with **Docker Compose**.
 - • **Technologies Used:** Java, Spring Boot, Spring Security, JWT, PostgreSQL, JPA, React, Tailwind CSS, Docker, Razorpay API.
- **AI Quiz Master**   <https://aiquiz-dusky.vercel.app/>
A dynamic, full-stack quiz application that generates unique questions in real-time using the Google Gemini generative AI.
 - • Engineered a reactive **Spring Boot** backend to dynamically generate prompts and fetch real-time questions from the **Google Gemini API** using 'WebClient'.
 - • Responsive frontend with **React** and **Tailwind CSS**, managing complex application state with React Hooks.
 - • Containerized the Spring Boot application using **Docker**, ensuring a consistent and isolated.
 - • Deployed the full-stack application by hosting the backend container on **Render** and the static frontend on **Vercel**, configuring CI/CD pipelines and environment variables.
 - • **Technologies Used:** Java 21, Spring Boot, React, Docker, Render, Vercel, Google Gemini API, Tailwind CSS.
- **Portfolio Website**   <https://portfolio-react-mauve-nu.vercel.app/>
Developed a fully responsive portfolio using React and Tailwind CSS to showcase my projects and skills.
 - • Designed and developed a responsive personal portfolio using React.js and Tailwind CSS.
 - • Showcases key skills including Java, Spring Boot, and Microservices through featured projects.
 - • Integrated a contact form for communication and a resume download feature.
 - • **Technologies Used:** React.js, Tailwind CSS, HTML5, CSS3
- **E-Commerce Website** 
Created a user-friendly, mobile-responsive interface using React.js and Material-UI for consistent user experience.
 - • Implemented secure login and registration with Spring Security, supporting role-based access control.
 - • Enabled dynamic product browsing and search functionality for enhanced user navigation.
 - • Designed and implemented an interactive form for delivery address collection.
 - • Integrated a step-by-step checkout process using a visual stepper component.
 - • Incorporated both mock and real payment gateways for transaction simulation and processing.
 - • **Technologies Used:** React.js, Material-UI, Spring Boot, Java 21, REST APIs, MySQL, Git, Postman

TECHNICAL SKILLS AND INTERESTS

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

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

Databases: MySQL, PostgreSQL, MongoDB **Web Services & APIs:** RESTful APIs, JSON

Testing: JUnit **Version Control:** Git, GitHub **Build Tools:** Maven **Application Servers:** Apache Tomcat

Development Tools & IDEs: IntelliJ IDEA, Eclipse, VS Code, Postman, DBeaver, pgAdmin 4

Other Technologies: Docker, Docker Hub, Docker Compose, Microservices

Areas of Interest: Full Stack Development using Spring Boot and React.js

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

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*