

# KRITIKA DAS

## Software Engineer

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📍 Kokorana Post Chota Muri, Ranchi, India

in LinkedIn

🔗 GitHub

GeeksforGeeks

## EXPERIENCE

### Backend Developer Intern

#### [Aditya Birla Group](#)

📅 May 2024 – Jul 2024

📍 Muri, Jharkhand

- Built API management for an electronic store, optimizing data retrieval efficiency by 25
- Managed backend integration, improving deployment speed by 15
- Wrote unit and integration tests, increasing code coverage by 35
- Tech Stacks: Java, Spring Boot, Swagger, Docker .

SDE

### Intern

#### [ITJOBXS](#)

📅 Aug 2024 – Sep 2024

📍 Mumbai, India

- Designed and developed a fully responsive web page for a section of itjobxs.com, a Jobs and Education platform, enhancing user experience.
- Implemented user verification/authentication, reducing fake bot activities and posts by 20
- Developed backend solutions in PHP and MySQL for user registration, improving database security and performance by 15
- Tech Stack: HTML, CSS, JavaScript, Bootstrap, PHP, MySQL.

### Backend Intern

#### [Aditya Birla Group](#)

📅 May 2022 – Jun 2022

📍 Muri, Jharkhand

- Performed root cause analysis using SQL, identifying and mitigating process inefficiencies by 30
- Optimized inventory management, reducing stock discrepancies by 15
- Created interactive dashboards using Power BI, enhancing decision-making capabilities for stakeholders, and generated detailed reports on key performance indicators, leading to actionable insights that boosted productivity.
- Tech Stack: SQL, Java

## TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, HTML, CSS.
- **Frameworks and Tools:** Spring Boot, Swagger, Docker, GitHub, Postman.
- **Other Skills:** Problem Solving, Data Structures, Algorithms.

## PROFILE LINKS

- [GitHub Profile](#) – 30+ stars earned.
- [Leetcode Profile](#) – 200+ problems solved.
- [GeeksforGeeks Profile](#) – 600+ problems solved.

## ACHIEVEMENTS

- Achieved Institute Rank 2 on GeeksforGeeks Practice Platform.
- Solved 900+ problems across various coding platforms.
- Completed Technical Content Writing Internship at GeeksforGeeks.
- Published 25 articles on GeeksforGeeks.

## EDUCATION

B.Tech. (CSE) - 8.61 CGPA

#### [CV Raman Global University](#)

📅 2021 – Currently

Higher Secondary - 85.2%

#### [Oxford Public School](#)

📅 2021

Secondary - 90%

#### [Dav Public School](#)

📅 2019

## PROJECTS

### Electronic Store Management System

#### [Electronic Store Repository](#)

- Developed a backend system using Spring Boot and MySQL for an online store that manages product listings, customer orders, and payment processing, improving system efficiency by 40%.
- Integrated Docker for containerized deployment, ensuring faster development cycles and improved scalability.
- Enhanced API response time by 30% and improved overall performance.
- Tech Stacks: Java, Spring Boot, MySQL, Swagger, Docker.

### Inventory Management System

#### [SQL Repository](#)

- Created a web-based inventory system that tracks products, quantities, and sales using PHP and MySQL, improving inventory visibility and reducing manual tracking errors by 25%.
- Automated stock updates and reporting, saving 8 hours of manual work each week.
- Tech Stacks: Java, MySQL.

### Radial Basis Function (RBF) Model

#### [RBFNN Repository](#)

- Built RBF models for classification tasks in machine learning, achieving 95% accuracy on XOR problems. Enhanced model efficiency with optimized parameters, improving performance by 20%.
- Applied non-linear classification methods to improve model precision by 10%.
- Tech Stacks: Python.

### DesiQNA Website

#### [DesiQNA Repository](#)

- Developed a fully functional QA platform, enabling users to post, answer, and upvote questions, inspired by Quora.
- Integrated user authentication and profile management, enhancing security and user experience by 25
- Implemented content moderation, improving platform quality and reducing inappropriate content by 30
- Tech Stack: Java, Spring Boot, MySQL, Thymeleaf, HTML, CSS.