

# AMIT KUMAR BARIK

B.Tech Student in Computer Science Engineering || Java Developer

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## SUMMARY

B.Tech graduate in Computer Science Engineering with expertise in Java Programming and web technologies. Proven experience in developing practical projects, participating in hackathons, and leading a tech club. Eager to contribute to innovative solutions and grow as a software developer.

## EDUCATION

Bachelor of Technology in Computer Science Engineering - CGPA - 7.47

Trident Academy of Technology, Bhubaneswar, Odisha

(2022 - 2025)

Diploma in Information Technology - 72.59%

Govt. Polytechnic Bhubaneswar, Odisha

(2019 - 2022)

## TECHNICAL SKILLS

- Programming Languages: Java (Core Java, OOP)
- Backend Technologies: Spring Boot, Spring Security, Spring Data JPA, REST APIs, Microservices, RabbitMQ
- Frontend Technologies: HTML, CSS, JavaScript, Thymeleaf
- Database Technologies: MySQL, SQL
- Developer Tools & DevOps: Docker, Git, GitHub, IntelliJ IDEA, VS Code, Eclipse/STS
- Relevant Coursework: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), DBMS, Operating Systems, Software Engineering

## PROJECTS

### • College Technical Club Website & Online Judge Platform (Link: [Click Here](#))

- Designed and developed a full-stack, microservice-based platform using Spring Boot. The system consists of two separate, Dockerized applications that communicate via RabbitMQ and REST APIs.
- **Main Web App:** Developed the user-facing site featuring secure user profiles (Spring Security), dynamic content management (Events, Gallery, Team, Alumni), and two online exam systems (Coding & MCQ).

GitHub Link: [github.com/Amit0302/BrainLogicClub\\_TGI](https://github.com/Amit0302/BrainLogicClub_TGI)

- **Judge Engine Microservice:** Architected a secure backend service to compile and execute student code submissions in Java, C++, and Python against test cases in an isolated environment.

GitHub Link: [github.com/Amit0302/BrainLogicClub-JudgeEngine](https://github.com/Amit0302/BrainLogicClub-JudgeEngine)

- **Tech Stack:** Spring Boot, Spring Security, Data JPA, REST API, MySQL, RabbitMQ, Docker, Docker Compose, Thymeleaf, HTML, CSS, JavaScript.

- **Project Demo:** [Project Video Demonstration](#)

### • ClickNBuy – eCommerce Web Application (Tech Stack: Spring Boot, Data JPA, HTML, CSS, Bootstrap, JavaScript)

- Developed a modular eCommerce app with Guest, User, and Admin roles, using Spring Security for role-based access. Implemented product browsing, cart, order placement, and admin management features.

◦ GitHub Link: [github.com/Amit0302/ClickNBuy](https://github.com/Amit0302/ClickNBuy)

## EXPERIENCE & ACHIEVEMENTS

- IDE Bootcamp 2024: Attended Phase I of Edition 2 at the Indian Institute of Management Sambalpur.
- Smart India Hackathon 2023: Participated in the Grand Finale held at SVCET, Chittoor, AP.
- CrewSphere ICP India Hub BlockBash Hackathon: Secured 3rd place in the competition.
- College-Level Hackathons: Participated in 4 hackathons, demonstrating strong problem-solving skills.
- Leader, Brain Logic Club ([Brain Logic Club](#)): Led the college's tech club for more than 2 years, organizing tech events and workshops to foster innovation among students.

## CERTIFICATIONS

- Java Full Stack Development | Link: [Code for Success](#)
- NPTEL: Data Structures and Algorithms Using Java – Scored 70%, Programming in Java – Scored 73% .

## INTERESTS

Volunteering, Gaming, Gardening, Mentorship or Tutoring