

GARGI SINGH

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EDUCATION

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|---|---------------|
| Btech in Computer Science Engineering , VIT Bhopal University, India | Expected 2026 |
| Current CGPA: 8.92 | |
| Class XII , GVN The Global School, India | 2022 |
| Aggregate: 89.2% | |
| Class X , Sagar Public School, India | 2020 |
| Aggregate: 96.4% | |

SKILLS

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|-------------------------|---|
| Technical Skills | Java, Spring Boot, MySQL, MongoDB, AWS, Python, C++, HTML, CSS, JSX, React, Git |
| Soft Skills | Leadership, Communication, Problem Solving, Team Collaboration, Critical Thinking |

EXPERIENCE

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|----------------------------------|---------------------|
| Student Intern | Nov 2024 - Dec 2024 |
| Bharat Heavy Electricals Limited | Bhopal, India |
| GitHub | |

- Built end-to-end transportation bill processing system using ASP.NET and C#, automating manual workflows and reducing processing time by 60%
- Designed dynamic web forms with automated calculation logic, improving accuracy and eliminating human errors in freight cost processing
- Integrated Oracle Database for data management and created intuitive forms with clean interface for easy usage and maintainability.

PROJECTS

Barbieverse – Full-Stack Movie Review Application [GitHub](#)

Tech Stack: React, Java, Spring Boot, Maven, MongoDB, Javascript, JSX, CSS, Postman, RESTful APIs

- Developed an interactive movie review platform showcasing all 42 Barbie movies with user-submitted reviews and ratings
- Engineered a custom MongoDB schema by extending a generic dataset with rich media fields (e.g., backdrops and poster images) and embedded review references to support dynamic UI rendering and seamless data relationships
- Built a secure Spring Boot backend with RESTful APIs for movies and reviews; performed structured API testing using Postman
- Designed a visually engaging frontend with React, featuring dynamic movie carousels and poster previews

Java Sudoku Game – Desktop Sudoku Application [GitHub](#)

Tech Stack: Java, JavaFX, IntelliJ IDEA, Git, GitHub

- Developed a desktop-based Sudoku game featuring a 9x9 interactive board with input validation
- Designed a responsive GUI using JavaFX to enhance user interaction and gameplay experience
- Managed source control and collaboration via Git and GitHub

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** - Amazon Web Services (2025) [Verify](#)
- **Marketing Analytics (Top 5% Scorer)** - NPTEL (2025) [Verify](#)
- **Cloud Computing (Top 1% Scorer)** - NPTEL (2024) [Verify](#)