

# Siddharth Shanker

☎ +91-7979758849    ✉ siddharth8730@gmail.com    🌐 portfoliosite    in linkedin.com/in/siddharthbitm  
🐙 github.com/siddharthbitm

## Education

**Birla Institute of Technology, Mesra**  
*B.Tech in Computer Science and Engineering*  
◦ CGPA: 7.04/10

*Ranchi, India*  
*August 2022 – May 2026*

## Work Experience

**Kapture CX**  
*Software Development Trainee*

*Bengaluru, India*  
*June 2025 – Aug 2025*

- Designed and developed the UI of Kapture-EX, a platform being developed for Flipkart's Support Team.
- Led the front-end development of key modules like Chat and Library windows.
- Integrated KapAI, Kapture's proprietary AI agent, into multiple client-facing products to enhance agent productivity.

**Wissen Infotech**  
*AI and Machine Learning Intern*

*Bengaluru, India*  
*June 2024 – Aug 2024*

- Developed a pipeline to translate ABAP code to JavaScript using open-source LLMs for Schneider Electric.
- Implemented an **automated feedback loop** using multiple LLMs to iteratively detect, log, and fix errors, achieving **80% functional accuracy on production-level ABAP code**.
- Fine-tuned and benchmarked multiple LLMs such as Deepseek-v2, Ollama-70b, and Baichuan-13B to work on SAP's proprietary ABAP code.
- Engineered a **test case generation and validation tool** ensuring functional equivalence in translated JavaScript code.

## Projects

**Portfolio / Landing Site**

[github.com/sidbitm/site](https://github.com/sidbitm/site) 🔗

- Created a dynamic single-page portfolio highlighting skills in UI/UX and front-end engineering.
- Tools Used: React.js, GraphQL, SCSS, JavaScript

**Customer Conversion Prediction**

[github.com/sidbitm/proj](https://github.com/sidbitm/proj) 🔗

- Using historical data, built a Machine Learning project to predict which customers are likely to purchase a specific product.
- Achieved **cross-validation score and accuracy of 0.90 on the dataset**, aiming to improve organisation's efficiency while targeting customers.
- Developed multiple ML models - **KNN, Decision Tree and Random Forest** along with **feature importance** highlighting the attributes having the most effect on the conversion rate.
- Tools Used: Python, seaborn, matplotlib, sklearn

## Achievements and Extra-curricular

- Head of Pulpit, UNESQUO Club – Led the organization of oratory events, including quizzes and debates.
- Chair, War Cabinet – BITMUN 2025; Rapporteur, BITMUN 2024.
- Finalist, NTPC National Electron Quiz 2025.
- 1st Runner-up, XISS Quiz 2025; 2nd Runner-up, XISS Quiz 2024.
- Secured State Rank 21 in the International English Olympiad.

## Technical and Non-Technical Skills

**Core Fundamentals:** Object Oriented Programming, Database Management Systems, Data Structure and Algorithm, Operating System.

**Languages:** Java, C++, Python, C, JavaScript, SQL

**Technologies:** Figma, Git, GraphQL, Firebase, MySQL, MongoDB, Gitlens

**Frameworks:** NodeJS, ReactJS, Tailwind, Bootstrap, GraphQL

**Soft skills:** Presentations, Communication, Team-management, Networking