



# AMAR SARKAR

## JAVA FULL STACK DEVELOPER

### ABOUT ME

Hello there! 🙌 I'm Amar Sarkar, a passionate and detail-oriented software engineer eager to embark on a journey in the world of technology. My fascination with the power of code to create innovative solutions and drive positive change led me to pursue a career in software development.

### EDUCATION

#### Java Backend Development

Masai School

February, 2022 - January, 2023

#### Bachelor of Technology - Computer Science and Engineering

University of Engineering and Management, Kolkata

July, 2017 - April, 2021

### CERTIFICATES

#### Certified Ethical Hacker Professional

Indian Cyber Security Solutions

July, 2019 - September, 2019

#### Problem Solving Through Programming in C

NPTTEL - IIT Kharagpur, January - April, 2018

### PROJECTS

#### IPL Dashboard | Spring Boot + React Application

- IPL Dashboard is a dynamic Full Stack Development project showcasing my proficiency in building robust and interactive applications. This project integrates a powerful Spring Boot backend with a user-friendly React JS frontend.
- Using a Kaggle-sourced CSV dataset, I employed Spring Batch to efficiently process data and created an in-memory database using HyperSql for seamless data storage and retrieval. The application allows users to explore comprehensive information about IPL teams, including past game details and wins, and losses ratios, presented through interactive charts. ([GitHub Link](#))

#### Student Management App | CRUD Application

- Designed and implemented a CRUD application to manage student records using Spring Boot and React. Integrated MySQL database for efficient data storage and retrieval.
- Developed a responsive user interface using Bootstrap for a seamless user experience. Implemented features such as adding, viewing, updating, and deleting student records. Incorporated a search bar for quick and easy access to specific student information. ([GitHub Link](#))

#### Shopping Cart | Spring Boot E-commerce Application

- Developed a comprehensive e-commerce web application using Spring Boot. Implemented user authentication with Google OAuth2, enabling users to log in using their Gmail accounts.
- The application includes a feature-rich admin panel for efficient management of categories and products. Users can seamlessly browse products, add them to the cart, and complete the checkout process. Key technologies used include Spring Boot, Google OAuth2, Thymeleaf, Bootstrap, and H2 database. ([GitHub Link](#))

### CONTACT

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Portfolio

### TECHNICAL SKILLS

- Programming Tools & Technologies: Java, JavaScript, Python, SQL
- Data Structures and Algorithms : Two pointers technique, Sliding window, Sorting algorithms, Stack, Queue, Linked List, Recursion
- Frameworks & Tools: Spring Boot, Hibernate, JDBC, Spring Batch, Thymeleaf, ReactJS, ChartJS
- Databases: MySQL, H2, HyperSQL
- Data visualization & ML libraries: NumPy, Pandas, Seaborn, Scikit-learn

### SOFT SKILLS

- Problem-solving
- Teamwork
- Adaptability
- Critical thinking

### INTERNSHIP

#### PCS Global Pvt. Ltd.

- Data Science Intern, August (2019)– November(2019)
- Responsibilities: As a Data science intern I was responsible for analyzing the data sets and then applying appropriate machine learning algorithms to predict the result.