



AMAR SARKAR

FULL-STACK WEB 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

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

NPTEL - IIT Kharagpur, January - April, 2018

PROJECTS

FOODY.com | Full-Stack Food Delivery Application

- Foody is a dynamic MERN stack project designed to deliver a seamless food ordering experience. It features secure **JWT authentication**, interactive **food filtering**, **cart management**, and **order tracking**. Users can manage their orders through a dedicated 'My Orders' section.
- The admin panel allows efficient **dish management**, including adding, updating, and removing items, as well as tracking and updating user orders.
- Implemented robust security with **bcrypt** for password encryption and efficient image handling using **Multer**. ([GitHub Link](#))

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](#))

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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Tughlakabad Village, Tughlakabad,
New Delhi, Delhi 110044, India

📁 [Portfolio](#)

TECHNICAL SKILLS

- Programming skills:
Java, JavaScript, Python
- Data Structures and Algorithms :
Two pointers technique, Sliding window, Sorting algorithms, Stack, Queue, Linked List, Recursion
- Frameworks & Tools: ExpressJS, Spring Boot, Hibernate, JDBC, Spring Batch, Thymeleaf, ReactJS, ChartJS
- Databases: MongoDB, MySQL, H2
- 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.