

Soham Das

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Education

Narula Institute of Technology- B.Tech in Computer Science and Engineering

2022 - 2026

GPA (Recent): 8.9

Projects

Full Stack Crypto Trading Platform Using Spring boot and React [Code](#)

Full Stack Crypto Trading made with **Spring Boot, MySQL DB, React, Tailwind CSS, Gemini API and CoinGecko API**

- **Features:** Buy & Sell Crypto, Portfolio Management, AI Chatbot (using Gemini API and CoinGecko API)
- **Transaction History:** Withdrawal History, **Wallet** History, Search Coin
- **Authentication and Security:** Login & Register, **Two-Factor Authentication**, Forgot Password

Full Stack Fitness Tracker using Spring Boot [Code](#) || [Video](#)

This project leverages cutting-edge technologies, including **Spring Boot 3, Spring Security 6, Angular 16, Ng Zorro UI, and a MySQL database.**

- **Dashboard:** Displays key fitness metrics like **total calories burned, total distance covered, total steps taken, total time spent, achieved goals, and unachieved goals.** It includes charts for recent workouts (calories burned and duration) and recent activities
- **Workout Page:** Features a **reactive form** for creating new workouts and displays a log of past workouts.
- **Activity Page:** Features a **reactive form for logging new activities** and showcases past activity records.
- **Goal Page:** Features a **reactive form for setting new goals and displays past goals**, each with a button to mark as achieved.

AI-Recipe Generator [Code](#)

- **AI-Powered Recipes:** Generate **unique recipes** based on user-provided ingredients **using the Gemini API.**
- **Easy Ingredient Input:** Simple interface for users to input available ingredients.
- **Responsive Design:** User-friendly and accessible across various devices.

Skills

- **Java:** Expertise in Java Full Stack development including Spring, Hibernate, RESTful APIs, and microservices.
- **C & C++:** Proficient in object-oriented programming, data structures, algorithms, and system-level programming.
- **Python:** Proficient in data structures and algorithms
- **Front-End:** HTML, CSS, JavaScript, React.js, Angular.
- **Back-End:** Java Spring Boot, RESTful services, Hibernate, JDBC.
- **Database Management:** SQL, MySQL, MongoDB.
- **Version Control:** Git, GitHub, Bitbucket.

Achievements

- Pupil in Codeforces (Rating: 1380 || Participated in 10+ contests) [Link](#)
- 3 star coder in Codechef (Rating : 1717 || Participated in almost 20 contests || Achieved Global Rank 13 at Starters 136 Division 3) [Link](#)
- Leetcode Contest Rating : Knight || Rating: 1855 (Participated in 20 contests || Achieved Global Rank of 442 in Biweekly Contest 129) [Link](#)
- Atcoder Rating: 516 - 8kyu (Participated in almost 30 contests) [Link](#)
- Solved over 750+ problems across all platforms
- Achived Global Rank of 728 in TCS Codevita Season 12 2024