

# Raj Sahu

[Codechef](#) | [LinkedIn](#) | [Leetcode](#)

Email: [sahu.raj809@gmail.com](mailto:sahu.raj809@gmail.com) | Mobile: 09473928468

## SOFTWARE DEVELOPER

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An independent and self-motivated student, I work with the team to provide imaginative solutions for our problems. My area of interest are coding and investing, Good in maintaining public relations.

## TECHNICAL SKILLS

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**Languages** : C++, JavaScript, Java, HTML, CSS  
**Others** : Problem Solving Skills, Data Structures and Algorithms, Git/Github

## EXPERIENCE

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**Software Intern** Sept 2022 – Dec 2022  
*Suven Consultant Remote*

- Worked on the development of Security Scan Automation Framework. Setup pipeline for Security Scan Automation Framework. Added stages of automated security test scripts to scan applications and cloud resources, and generate report about the vulnerabilities found for each test. This reduced dev effort to run each security scan manually. ◦
- PowerShell ISE, Azure modules, OWASP ZAP, AzSK kit

**Software Engineer Intern** Mar 2022 – May 2022  
*Jp Morgan Remote*

- Programmed a high-frequency trading system with sophisticated algorithms that analyzed stock price data feeds and executed trades based on market trends; generated a 20 percent ROI in the first quarter
- Developed a robust, real-time interface that ingested stock price data feeds from four sources, and integrated API endpoints from a trading platform; facilitated data-driven decision-making for the investment team

## EDUCATION

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**Sharda University** Greater Noida, India  
*B.Tech in Computer Science Jun 2020 – May 2024*

## PROJECTS

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**Migrant Worker Employment Portal** *React.js, Python, SkLearn libraries, Numpy, Flask, HTML5, CSS*

- Developed a web application to solve the migrant labour work crisis due to COVID-19. Job providers can post job opportunities through the portal and unemployed migrant workers can browse and apply for them.
- Optimized website for **speed and user experience** and Utilized **responsive design** to ensure compatibility across all devices

**Stock Price Prediction And Forecasting Using Stacked LSTM** *Python, Tensorflow, Scikit learn, JavaScript, Git*

- Developed a stock price prediction using stacked long-short-term memory (LSTM) artificial neural network
- Trained the agent for dynamic stock price calculation and used streamlit (open-source python library) to create a web app

## ACHIEVEMENTS

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- Specialist at Codeforces having highest rating of 1406 which is the top competitive programming site in terms of participation of programmers across globe
- Knight at Leetcode. Ranked under Top 3.81 percent among all leetcode users. Highest rating of 1930.
- Secured Global rank 455 in Leetcode Biweekly Contest 101 among 18k participants after solving all 4 out of 4 problems
- Secured Global rank of 202, 454, 459 respectively in Codechef's Starters 30 Div-3, January Cook-off 2022 Div-3 and Starters 31 Div-3 among 10k+ participants.
- 4\* at Codechef which is one of the top sites for competitive programming. Having highest rating of 1946.
- Solved more than 1500+ problems across platforms