SHIVAM RAJ

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 LinkedIn (@shivxmr)   Github (@shivxmr)

OBJECTIVE

Highly motivated engineering student with a passion for programming, investments, and finance. Seeking opportunities to leverage my technical skills and financial acumen in a dynamic environment to contribute to organizational development and success.

EDUCATION

R.V. College of Engineering — **Bangalore, Karnataka**
- *Bachelors in Mechanical Engineering, CGPA: 8.1* — *2021-2025*

O.P. Jindal School — **Raigarh, Chhattisgarh**
- *CBSE Class 12, Percentage: 93%* — *2021*
- *CBSE Class 10, Percentage: 96%* — *2019*

SKILLS

- **Programming**: Java, Python, JavaScript, HTML, CSS
- **Frameworks**: Reactjs, TailwindCSS, NodeJS, Express, Chakra UI, Bootstrap
- **Others**: Data Structures and Algorithms, DBMS (MySQL & MongoDB), OOPS, Git, GitHub, Postman, Notion
- **Financial**: Fundamental and Technical Analysis, Trading Strategies, Financial Modeling
- **Areas of Interest**: Problem Solving, Software Development, DevOps, Investments

WORK EXPERIENCE

Frontend Developer - Internship — Oct, 2022 - Dec, 2022
Magic Quill Media, New Delhi
- Developed and managed website that worked with IVR systems.
- Technologies used: ReactJS, Tailwind CSS, Bootstrap, Javascript.

Image Processing & Visual Computing - Internship — Nov, 2022 - Dec, 2022 (*Certificate*)
RV College of Engineering, Bengaluru (Hybrid)
- Learnt Image Processing using Python.
- Implemented on various datasets using OpenCV.

PROJECTS

MERN Chat App using Socket.IO (*Repository Link*)
- Developed dynamic chat application using the MERN stack & Socket.IO, enabling real-time communication between users.
- Implemented robust security measures, including authentication, JWT (JSON Web Token) integration, and bcrypt.js encryption, ensuring secure and protected user interactions within the chat application.
- Utilized Socket.io to facilitate real-time messaging and updates, enabling users to engage in seamless and instant communication, enhancing the overall user experience of the chat application.

Stock Price Predictor using Machine Learning (*Repository Link*)
- Predicted the movement of the S&P500 stock market index using Python.
- Collected data using Yahoo Finance package & created an initial machine learning model to estimate accuracy
- Built backtesting engine to improve accuracy of the model

OpenAI Summarizer App (*Repository Link*)
- Built a summary generator app takes link of articles and returns text after summarizing.
- Used RapidAPI's Article Extractor and Summarizer API to summarize the articles in the backend.

LinkedIn Bot (*Repository Link*)
- Built a LinkedIn-bot which automatically accepts all the connection invitations and invites to follow pages.
- Used web scraping to identify the buttons and Node and Chrome Drivers for the functioning.

KEY COURSES AND CERTIFICATIONS

Front-End Web Development with React (*Certificate*)
The Hong Kong University of Science and Technology | Coursera

The Complete Data Structures and Algorithms Bootcamp using Java
takeUforward | YouTube | Kunal Kushwaha

POSITION OF RESPONSIBILITY

Senior Associate, E-Cell, RVCE
- Organized E-Summit with footfall of more than 10,000 people in 2022.
- Currently under Corporate Partnership and Marketing Vertical.

Club Representative and Organiser, Rotaract RVCE
- Organized various events for the community across Bangalore.
- Was part of the flagship events like Paper Drive, Blood Donation Camp, Fast Trek etc.