

# Rohit SV

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## PROFESSIONAL SUMMARY

Computer Science and Business Systems undergraduate with a solid foundation in data structures, algorithms, and core programming. Proficient in C, Java, and Python, with hands-on experience solving over 1000 coding problems across multiple platforms. Passionate about building practical tech tools, with beginner-level experience in frontend development using HTML, CSS, JavaScript. Prepared to contribute to real-world software projects while continually improving both backend and UI development skills.

## PROJECTS

### CautionNet - Phishing Detection Website | HTML, CSS, JavaScript

- Designed and built the user interface for a website that helps users identify potential phishing websites.
- Focused on creating a clean and intuitive layout to make security information accessible to all users.

### Fitpulse - Health Anomaly Detection | Python, StreamLit, Machine Learning

- Developed and integrated anomaly detection, forecasting, and clustering models into a fitness analytics dashboard, enabling real-time detection of unusual health patterns.
- Implemented advanced time-series analysis using TSFresh and Prophet to improve accuracy in feature extraction and seasonal forecasting.

## INTERNSHIPS AND CERTIFICATIONS

### INFOSYS SPRINGBOARD INTERNSHIP 6.0

Project Intern | Streamlit, python, Machine Learning

- Developed FitPulse, a full-stack health monitoring application that detects anomalies in fitness data and triggers alerts.
- Technologies used: Python, Prophet, TSfresh, Scikit-learn, Pandas, NumPy, StreamLit, GitHub.

### CS50x - INTRODUCTION TO PROGRAMMING WITH PYTHON (edX)

- Took part in Harvard's CS50x course on edX, where I learned the core concepts of programming, algorithms, data structures, and web development. Solved 10 weekly problem sets in Python Programming.
- For the final project, I built a Command-Line Quiz Application allowing users to test their general knowledge by answering multiple-choice questions

### INFOSYS SPRINGBOARD

- Java Foundation Certification
- Python Foundation Certification

## SKILLS

### Programming Languages

C, Java, Python, SQL.

### Problem Solving

Solved over 1000 problems on Skillrack and over 60 DSA problems on LeetCode.

### Web Development

HTML, CSS, SpringBoot, Javascript.

### Tools and Platforms

- Visual Studio Code
- Git/GitHub
- IntelliJ idea

### Soft Skills

- Good Leadership
- Effective Communication
- Adaptability
- Quick Learning

## EDUCATION

### RMD ENGINEERING COLLEGE

B.Tech Computer Science and Business Systems  
2027 | Thiruvallur, Tamil Nadu  
CGPA - 7.82

### GODSON MATRIC HR SEC SCHOOL

HSC - 88.5%  
May 2023 | Chennai, Tamil Nadu

## INTERESTS

- Dynamic UI modelling
- Building Scalable backend systems
- Fitness