

# Steve Sojan

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## EXPERIENCE

### IIT BOMBAY | PYTHON SWE INTERN (FOSSEE - OPEN SOURCE)

Feb 2025 – Present

- Selected as an Intern after the initial screening task, currently working with the FOSSEE team at IIT Bombay, on the open source Osdag Project as an official intern.
- Working with the team responsible for overseeing Osdag's codebase, including its installation, updates, and the maintenance of its various modules.
- Single-handedly developed a new approach of packaging Osdag's Tex Environment inherently, which removed the conventional step of installing a Tex distribution for the user.
- Conduct weekly discussions and code reviews with mentors to refine contributions and deepen project understanding.

### OSDAG | PYTHON DEVELOPER - OPEN SOURCE CONTRIBUTOR

Dec 2024 – Feb 2025

- Created a fully fledged installer for the open-source software Osdag, developed by the FOSSEE Osdag Team at IIT Bombay.
- Osdag was priorly installed as a conda package, with the user having to download the required dependencies separately.
- Designed the code block for all installation scripts, which could seamlessly install all dependencies without manual intervention.
- Conducted intensive bug testing on Osdag, including its installer and LaTeX-based report generation system, to ensure software reliability and output accuracy.

### SOLAR SECURE SOLUTIONS | WEB DEVELOPMENT INTERN

Mar 2023 – May 2023 | Remote

- Conducted detailed SEO analysis using Google Analytics to optimize client websites for better performance and user engagement.
- Identified key website improvement opportunities, implemented actionable recommendations, resulting in measurable performance improvements.
- Worked with HTML and CSS enhancing my hands-on proficiency with industry-standard web development tools.

## PROJECTS

### HEIMDALL | PRICE TREND VISUALIZER + PREDICTOR USING LSTM

Dec 2024 – Present | Heimdall GitHub Repository

- Built a tool to visualize and predict commodity price trends (stocks, ETFs, etc.) using API integration (Alpha Vantage)
- Enhanced functionality with Standard Averaging and Exponential Moving Averages (EMA) price prediction.

### RESUMEX | WEB-BASED RESUME BUILDER

Aug 2023 – Nov 2023 | Resume Builder GitHub Repository

- Developed a dynamic resume-building web application using Streamlit and integrated front-end HTML/CSS
- Enabled users to input personal details, achievements, and hyperlinks with unlimited prompts, automating resume creation in a structured format.

## EDUCATION

### VELLORE INSTITUTE OF TECHNOLOGY

BTECH CS WITH MINOR IN AI AND ML

Expected Aug 2026 | Bhopal, India

Current CGPA: 8.53 / 10.0

### MOUNT ST. MARY'S SCHOOL

AISSCE - SCIENCES - CLASS 12

July 2021 | Delhi, India

Percentage: 93 %

### MOUNT ST. MARY'S SCHOOL

AISSE - CLASS 10

July 2019 | Delhi, India

Percentage: 93.1 %

## SKILLS

### TECH STACK

Python • PyTorch

Tensorflow and Keras • Matlab

C/C++ • Tableau • Java

Git/Github • Linux

Tex & LaTeX • Artificial Intelligence

Machine Learning

## EXTRA CURRICULAR

### SPORTS & LEADERSHIP

• Captain - VIT College Football Team, AARAMBH Sports Fest, 2022 (Champions)

• Captain - VIT College Football Team, AdvITYa Sports Fest, 2023 (Runners Up)

• Academy Player for Delhi Football Club (2023), competed against top football clubs of Delhi.

• Best Athlete Award (2019), Senior Men's Category

### SOCIETIES & CLUBS

• The Matrix Clan (2020): As General Secretary, organized events for Matrix Ecomm-Symposium, an inter-school competition hosted by MSM in Delhi.

• AI Club, VIT Bhopal (2022): Part of the AI-based workshops and events organized by the AI Club.

## LINKS

Github:// [stevesojan](#)

LinkedIn:// [stevesojan](#)