

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.
- Collaborate with the responsible team to oversee Osdag's codebase, managing its installation, updates, and the maintenance of its various modules through weekly discussions and code reviews with mentors.
- Developed a new approach of packaging Osdag's Tex Environment inherently, which removed the conventional step of installing a Tex distribution for the user.

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.

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.

PROJECTS & HACKATHONS

ZELESTRA X AWS ML ASCEND CHALLENGE

Jun 2025 – Jun 2025 | Results Here - Ranked 61 out of 700

- Developed a stacked regression model capable of predicting efficiency in solar panels with an accuracy of 89.89455
- Designed the entire pipeline capable of data preprocessing and feature engineering including the 8 model stacked ensemble coupled to a Ridge Regression meta learner.

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.

THE GOODCOACHES INITIATIVE | FOUNDER

Dec 2023 – Jul 2025 | thegoodcoaches.org

- Founded The GoodCoaches Initiative, that connects volunteering coaches and partner academies with underprivileged children.
- Designed the entire technical architecture using Bolt.new - Frontend with React.js and Tailwind CSS, a Supabase backend coupled with an 11Labs AI Assistant.

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY

BTECH CS WITH MINOR IN AI & ML

Expected Aug 2026 | Bhopal, India

Current CGPA: 8.58 / 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

- Music - Certified by Trinity College London in Electronic Keyboard (Grade 1)
- 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 events organized by the AI Club.

LINKS

Github:// [stevesojan](#)

LinkedIn:// [stevesojan](#)