Pati Srinath Reddy

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SUMMARY

Versatile app developer proficient in Flutter with a keen interest in machine learning. Possess a solid foundation in ML concepts and an eagerness to incorporate innovative technologies into app development.

EXPERIENCE

Technical Intern   **August 2023 - Present, Vile Parle,Mumbai**
DJCSI

1) Responsibilities include optimizing app performance and implementing updates.

2) Actively addressing performance bottlenecks for improved functionality.

3)Committed to contributing technical expertise to elevate the technological landscape at DJCSI.

ACHIEVEMENTS:

TechnoGrad
Secured 2nd position in the event which consisted of 50+teams. • 2023

PROJECTS

Automated Car Driving Agent
https://github.com/siro844/Automatic-Driving-Car • January 2024 - January 2024

• 1)Solved gymnasium's box2d environment using stable baselines.

• 2)Used PPO with CNNpolicy to train the agent.

• 3)Significantly improved agents performance from -300 to 900+.

Hash-Or-Pass
https://github.com/siro844/D2K-k-means-gamble • February 2024 -February 2024

• 1)Created a platform for content creators to generate relevant hashtags.

• 2)Entire functionality was built using Langchain agents.

• 3) Also generates scripts based on the current events or any other theme the creator wants to.

Google Docs Clone
https://github.com/siro844/docs

• 1)Developed a multi-platform Google Docs clone with collaborative editing feature using Flutter, Node.js, and Socket.IO.

• 2) Implemented real-time synchronization functionality, allowing multiple users to collaborate and edit documents simultaneously.

Atari Agents https://github.com/siro844/Air-Raid-Reinforcement-Learning

• 1) Created an agent using reinforcement learning to play Atari Games.

• 2) Used A2C algorithm from stable baselines to train the agent

EDUCATION

Btech in Information Technology
SVKM's Dwarakadas J. Sanghvi College of Engineering • Vile Parle(W),Mumbai • 2026 • 8.15(Sem 3)

HSC
Minor in Electronics • SVKM's Mithibai College • Vile Parle(W), Mumbai-104 • 2022 • 80

SSC
Bangur Nagar Vidya Bhawan • Goregaon(W),Mumbai-104 • 2020

SKILLS

Backend : NodeJs,ExpressJS

Frontend : HTML,CSS,Flutter,Javascript

Databases : MongoDB,SQL,Firebase

Machine Learning : Numpy,Pandas,Matplotlib,Scikitlearn,Tensorflow,Pytorch,Reinforcement Learning

Languages : C,Java,python,dart,Javascript