

NAVINKUMAR N

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LinkedIn

SUMMARY

Enthusiastic and detail-oriented Computer Science graduate with a strong foundation in software development, data structures, and algorithms. Proficient in C, Python, and JavaScript, with hands-on experience in web and app development. Eager to apply problem-solving skills and learn in a dynamic environment.

PROJECTS

Anomalous Human Activity Detection using Bi-LSTM

Jan 2024 - Apr 2024

- Light weighted computational model for better classification of human activities as violence and non-violence.
- Tech Stack: Pandas for tabular data manipulation, OpenCV for video frame processing, Bi-LSTM layers for processing sequential data in forward and backward direction

Suspicious Object Detection using YOLOv3

Sep 2023 - Dec 2023

- Detects the suspicious objects at important sensitive places like airports, railway stations, sports arenas, etc. This system achieved an average of 85% for three types of objects while operating in real time.
- Tech Stack: OpenCV for image processing, Pandas/Numpy for data manipulation, PyTorch implementation of YOLOv3

EDUCATION

GOVERNMENT COLLEGE OF ENGINEERING, BARGUR

Nov 2021 - May 2025

- Bachelor of Engineering (Computer Science and Engineering)
- CGPA:7.77 (till VI semester)

SWAMY MATRIC. HR. SEC. SCHOOL, PALANI

Jun 2020 - Apr 2021

- HSC - 93.04

SWAMY MATRIC. HR. SEC. SCHOOL, PALANI

Jun 2018 - May 2019

- SSLC - 92.80

TECHNICAL SKILLS

- **Languages:** C, Python, Javascript
- **Database:** MySQL
- **Version Control and Collaboration Tools:** Git, GitHub, VSCode
- **Courses:** Data Structures and Algorithms, DBMS, Microsoft Office

EXPERIENCE

AI / ML Intern at Pureform Dynamics Private Ltd.

Apr 2024 - Jun 2024

- Developed and Optimized Image Generation Pipeline.
- Implemented Stable Diffusion XL with LoRA
- Exposure to typical office setups like Slack and Teams

CERTIFICATIONS

- Python Full Stack Development
- NPTEL – Internet Of Things(IOT)