VASANTH

Bachelor of Engineering
ELECTRONICS AND COMMUNICATION ENGINEERING
ANNA UNIVERSITY,

+91-6385688982
vasanthoffl14@gmail.com
linkedin.com/in/vasanth-s-336a79311/
github.com/Vasanth6543

Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.E,ECE	PSV COLLEGE OF ENGINEERING AND TEACHNOLOGY,ANNA UNIVERSITY,	[8.0]	[2022-2026]
Senior Secondary	[SRI RAMAKRISHANA MATRIC HR SEC SCHOOL/Board]	[65]	[2022]
Secondary	[SRI RAMAKRISHANA MATRIC HR SEC SCHOOL/Board]	[91]	[2019]

INTERNSHIP

- **Hardware [🌐]** *01-08 MAY 2023 and 04-11-MAR 2024*
  NSIC company CHENNAI,TAMILNADU
  - • Completed internship training focused on industrial embedded systems with AI and IoT integration, applying real-time control concepts to smart factory environments
  - • Designed and programmed microcontroller-based systems using IoT protocols and AI algorithms, enhancing data acquisition and automation efficiency.
  - • Designed and developed an industrial robotics application integrating embedded systems, sensors, and actuators for real-time automation tasks.
  - • Implemented control algorithms and IoT connectivity to enable smart monitoring, precise movement, and adaptive behavior in industrial environments.

- **Software [🌐]** *JAN-25 - MAY-25*
  Ed Vedha company, TAMILNADU
  - Developed and trained deep learning models using PyTorch and Python for tasks like image classification and text analysis, focusing on model building, training, and evaluation
  - Implemented data preprocessing, hyperparameter tuning, and performance metrics (accuracy, precision, recall, F1-score) to validate and optimize model effectiveness.

    RENIX company,Bangalore
  - Currently pursuing a course in Artificial Intelligence and Machine Learning (AIML) with practical training in Python programming for real-world applications
  - Gaining hands-on experience in building machine learning models, data analysis, and automation using Python libraries such as NumPy, Pandas, and PyTorch.

Projects

- **Project : [Research on Reservoir Computing Grid Model]** *Month Year - Month Year*
  Tools: [PYTHON AND PYTORCH,VS CODE] [/https://github.com/Vasanth6543/ml-pytorch-project-1]
  - Compared the reservoir computing grid model before and after the addition of positive and negative emotion regulation mechanisms using MATLAB programming.
  - Improved prediction accuracy of spatial and temporal evolution in dynamical systems by fine-tuning activation functions and specific neural grid parameters.

Skills

- **Programming Languages**: [PYTHON,VS CODE,MS OFFICE,HTML,CSS
- **Communication**: [TamiL-Native], [English-business]