

DHEERAJ NALAPAT

ASPIRING SOFTWARE DEVELOPER

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PROFILE SUMMARY

A problem-solving AI/ML enthusiast with a keen interest in exploring new domains, I am driven to seek opportunities that allow me to uncover the 'wow' factor in tackling challenging problems.. Experienced in both working within a team and leading teams in the development of software projects.

TECHNICAL AND SOFT SKILLS

Data Structures and Algorithms

Organizational Skills

Machine Learning

Management Skills

Python , C, C++

PROJECTS

SeASoC: Self Adaptive Software Capabilities using ANN

Final year project [Python , PyTorch, docopt, IDE: Vs Code, Google colab]

Developing an innovative API for seamless software integration and optimized bug detection. Utilizing customer review mining, AST analysis, and Seq2Seq models for efficient bug localization and automated code correction.

Parkinson's disease detection using Machine Learning (Ensemble Learning)

Mini project for sixth semester [Backend : Django , Frontend : HTML,CSS , IDE: Vs Code, Google colab]

Project Consisted of a voice based SVM model and handwritten Spirals based CNN model , the outputs were combined with Logistic regression model to enhance the current detection of PD.

Text file to Handwritten notes Converter

Hobby project [IDE: Google colab]

Software converts .txt files to handwritten note images. The project is tested in python Notebook (Google colab).

VOLUNTEERING EXPERIENCE

Training and Placements CELL Volunteer

October, 2022 – present

TnP MACE

Club Lead

October, 2022 – November, 2023

NetX MACE

Technical Team Lead

October, 2021 – October, 2022

NetX MACE

Web Team Lead

October, 2021 – October, 2022

CodeChef MACE Chapter

EDUCATION

BTech in Computer Science and Engineering

CGPA(current) : 8.64

Mar Athanasius College of Engineering (KTU), Kothamangalam

Senior Secondary Education

Mark Percentage: 78.6%

Benchmark International School (CBSE) ,Tirur

Higher Secondary Education

CGPA: 10

Bharatiya Vidya Bhavan (CBSE) ,Tirunavaya