KALIDINDI PAVAN TEJA SATYA VARMA

STUDENT AT NATIONAL INSTITUTE OF TECHNOLOGY, ANDHRA PRADESH

PROFILE

I AM CURRENTLY UNDERGOING UNDERGRADUATION IN THE STREAM OF COMPUTER SCIENCE AND ENGINEERING.I AM CURRENTLY IN 3RD YEAR OF MY BTECH DEGREE.MY CGPA TILL THE END OF 3RD YEAR 1ST Semester IS 9.55 .MY RANK IN MY BRANCH IS CURRENTLY 1(TILL THE END OF 3RD YEAR 1ST Semester). I AM OPEN TO INTERN/DO RESEARCH IN ANY DOMAIN

CONTACT

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LOCATION:
VISAKHAPATNAM

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HOBBIES

- PLAYING TABLE TENNIS, CRICKET, BADMINTON
- WATCHING MOVIES
- PROGRAMMING

LANGUAGES

- ENGLISH(Proficient)

RESUME OBJECTIVE

Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company.

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, ANDHRA PRADESH, TADEPALLIGUDEM
Bachelors in Technology, Computer Science with minor in Artificial
Intelligence for Signal Processing Applications
MAY 2021-MAY 2025
CGPA-9.55(UNTIL COMPLETION OF 3RD YEAR 1ST Semester)
RANK-1(UNTIL COMPLETION OF 3RD YEAR 1ST Semester)

SRI VENKATESWARA JUNIOR COLLEGE, VISAKHAPATNAM
INTERMEDIATE, MATHS PHYSICS CHEMISTRY
MAY 2019-APRIL 2021
96.1%

DELHI PUBLIC SCHOOL, UKKUNAGARAM
CLASS 10
MAY 2018-APRIL 2019
96.4%

WORK EXPERIENCE AND PROJECTS

INTERN AT VISAKHAPATNAM STEEL PLANT, RASHTRIYA ISPAT NIGAM LIMITED (A GOVERNMENT OF INDIA ENTERPRISE)
MAY 2023-JULY 2023

1.) I have worked on a deep learning project "Image Classification using CNN"
https://github.com/KALIDINDIPAVANTEJASATYAVARMA/ICNN

2.) I have worked on a deep learning project "Stock Price Prediction using RNN and LSTM"
https://github.com/KALIDINDIPAVANTEJASATYAVARMA/SPRL

3.) I have built a website named Online Examination System using Django, HTML, CSS, Bootstrap, and JavaScript. It facilitates conducting exams online with features like timer, auto submission on timer expiry, disabling copy and paste, and scheduling exams.

- TELUGU(Proficient)
- HINDI(Intermediate)

https://github.com/KALIDINDIPAVANTEJASATYAVARMA/OES

4.) I have worked on a project based on Python using Django. I have built a responsive website named Yard Management System, which manages transport of steel products from production site to yard for storage and delivery to customer. I have used various technologies such as HTML, CSS, Bootstrap, Django for developing the website.
https://github.com/KALIDINDIPAVANTEJASATYAVARMA/YMS

5.) Currently involved in projects in the field of differential privacy in distributed learning framework. Analyzing about "Layered Randomized Quantization" in federated learning.

COURSEWORK

- NATURAL LANGUAGE PROCESSING
- APPLIED MACHINE LEARNING
- ARTIFICIAL INTELLIGENCE
- NON-LINEAR PROGRAMMING
- MACHINE LEARNING FOR SINGAL PROCESSING APPLICATIONS
- DATA STRUCTURES AND ALGORITHMS
- DESIGN AND ANALYSIS OF ALGORITHMS
- CLOUD COMPUTING
- SOFTWARE ENGINEERING
- COMPUTER NETWORKS
- WEB APPLICATION DEVELOPMENT
- NONLINEAR PROGRAMMING
- COMPILER DESIGN
- MICROPROCESSORS
- THEORY AND DESIGN OF PROGRAMMING LANGUAGES
- DATABASE MANAGEMENT SYSTEM
- OBJECT ORIENTED PROGRAMMING
- COMPUTER ARCHITECTURE
- THEORY OF COMPUTATION
- DIGITAL LOGIC DESIGN
- PROBABILITY THEORY AND STOCHASTIC PROCESSES
- DISCRETE MATHEMATICS
- OPERATING SYSTEMS
- UNIX TOOLS AND SHELL SCRIPTING
- INTRODUCTION TO ALGORITHMIC THINKING AND PROGRAMMING
- PROGRAMMING IN PYTHON
- PROGRAMMING IN C
- PROGRAMMING IN JAVA
- PROGRAMMING IN HASKELL
- PROGRAMMING IN SML
- PROGRAMMING IN PROLOG
- PROGRAMMING IN ALGOL
- SQL COMMANDS
- BUSINESS COMMUNICATION FOR ENGINEERS
- SOFT SKILLS

TECHNICAL SKILLS

- FULL STACK WEB DEVELOPMENT USING DJANGO, HTML, CSS, BOOTSTRAP, JAVASCRIPT
- ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

- NATURAL LANGUAGE PROCESSING AND DEEP LEARNING
- CLOUD COMPUTING

CERTIFICATIONS

- CLOUD COMPUTING FROM NPTEL
- MACHINE LEARNING FROM COURSERA
- A PROJECT BASED ON PYTHON FROM RINL

ACHIEVEMENTS

- COURSE TOPPER IN CLOUD COMPUTING COURSE BY NPTEL (95% RANK-1)