

Putti Gowtham Sai

Computer Science and Engineering at IIT Dharwad

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EXPERIENCE

Fusion Technologies — SOFTWARE DEVELOPER INTERN

APRIL 2021 - JUNE 2021

- Created a Video Conferencing Application with Node.js and Python.
- Developed and tested various protocols for sending chat messages more efficiently.
- Reconstructed an Image Hash Python Library using simple algorithms that met our needs.
- Configured the server and efficiently deployed multiple web applications.

Euprime Consulting Pvt. Ltd, — SOFTWARE ENGINEER - INTERN

MAY 2021 - JUNE 2021

- Developed a business-to-business (B2B) application to connect clients with the company.
- Created the backend of the application with Django and deployed it on AWS.
- Razorpay Payment Gateway integration to handle payments and improve user experience.

PROJECTS

Recruit — An application to ease recruitment process

Developed a web application which can ease up the process of managing job offers for students and Placement Cell. We have built the application using Django and React. This application is developed for the Career Development Cell of IIT Dharwad.

GuardAIns — An Environment for AI bots

Designed and developed a game environment for bots powered by their AI algorithms to battle against each other. The environment was designed and written in python following all OOPs concepts and is used to generate relevant statistics after each game.

Spam Detector — A Machine Learning model to detect spam mails

Developed Support Vector Machine Model to classify the mails based on a dataset containing 4601 entries. We optimized the model by using different kernels and attained an accuracy of 92.17%.

Wordle Solver — A Probabilistic model to determine the next best word

Developed a Probability model to determine the next word using the current filter given by wordle. We generate a probability matrix to determine the next possible word that could take us to the next possible word in less moves.

SKILLS

LANGUAGES

C, C++, Python, Javascript

FRAMEWORK

React.js, Node.js, Express.js, Redux, HTML, CSS, Django, Flask, Tkinter

DATABASES

MySQL, PostgreSQL, MongoDB

OTHERS

OOP, Arduino, Git, Linux, Agile, OpenCv

EDUCATION

2019 - 2023 (Expected)

B.Tech in CSE

IIT Dharwad

OTHER ACHIEVEMENTS

Contingent Member at 8th and 9th Inter-IIT Tech Meet

2nd Runner Up in KHOJ 2019 conducted by IIT Dharwad

Carried out research in Computational Offloading

Qualified Round - 1 in Uber HackTag 2.0

Contributed to websites of SMP, Career Development Cell

Student Mentor in the Student Mentorship Program at IIT Dharwad