Shashank Shandilya

An energetic, focused, deciplined and dedicated college student who aspires to become a successful software development engineer.

shashankshandiliya2002@gmail.com

+91 6361377960

Mysore, India

EDUCATION

Under Graduate

The National Institue of Engineering

01/2021 - Present *7.5 cgpa*

Courses

- Computer Science and Engineering

Higher Secondary

Base PU College

06/2018 - 08/2020 *81- percentage*

Courses

- PCMCs

PERSONAL PROJECTS

Zoo Management System:- https://shashank-shandilya-zoo-management.netlify.app/

- Designed and implemented a web application that converts the physical functions of a zoo to a digital version.
- Designed all the pages including the landing page using prebuilt as well as custom components.
- Constructed an ER diagram to connect all the required functionalities of the product.
- Created a database and wrote queries that inserted, deleted and fetched data from the database.
- Wrote code to host and connect the webpages and the database.
- **Tools used:** HTML, CSS, jQuery, Flask, MySQL, SQL and bootstrap.

Sindhoor Ventures Website

- This is a website that is being built for a company in Mysuru.
- Designed webpages including the homepage and other pages that showcases their products and services.
- Created a database to store entries from their newsletter subscription page.
- **Tools used:** HTML, CSS, React, MongoDB and tailwind.

Ant Colony Optimisation on SVM and K-NN

- This is a simulation that shows the efficiency obtained as a result of applying ACO on classification algorithms SVM and K-NN.
- Fetched a dataset from Kaggle on which ACO had already been applied on and the expected results were stored by running a virtual simulator.
- Applied both SVM and K-NN algorithms on this dataset to train this machine learning model.
- The results obtained were then compared with the results obtained when SVM and K-NN algorithms were applied to a dataset that did not have ACO applied to it.
- These results were represented by generating a graph to both results which showed the increase in efficiency of both algorithms.
- **Tools used:** Python, matplotlib, sklearn, pandas and NumPy.

SKILLS

Data Stuructures and Algorithms | HTML | CSS | JavaScript | C++ | OOP | Python | Web Development | SQL | MySQL | Tailwind | Problem Solving

LANGUAGES

English
Full Professional Proficiency

Kannada
Native or Bilingual Proficiency

Hindi
Professional Working Proficiency

INTERESTS

Fitness | Touring | Marketing | Finance | Photography | Entrepreneurship | Music