

JAYANT GHADGE

OBJECTIVE To kickstart a career in the field of Software Development by working in an environment that helps me grow and to utilize my skills to drive the success of the organization I will work at.

SKILLS & ABILITIES Python, Django, Flask, Data Structures & Algorithms, MySQL, Deep Learning, Keras, Data Analysis, HTML-CSS, Javascript, C++, PostgreSQL, MongoDB, Machine Learning, Pandas, Numpy

PROJECTS **VIRTUAL LIBRARY**

Technologies: Python, Flask, HTML-CSS

A platform where users can upload, download and review books from other members, required books can be searched for using a search bar.

DIABETIC RETINOPATHY ASSISTIVE ANALYSIS AND GRADING

Technologies: Tensorflow, Django, OpenCV

Goal: Build an Explainable model that can support predictions with sufficient evidence.

Associated with: 'H.V. Desai Eye Hospital'

A platform that provides the ophthalmologists with segmentations for lesions associated with Diabetic Retinopathy and provides a grading for the FUNDUS image. The major focus of this project is on explainability which is a key requirement of predictive deep learning models in field of medicine.

SEMANTIC SEARCH ENGINE FOR ARTICLES

Technologies: Python, Django, Large Language Models

Goal: Build a system that helps the user achieve their reading goals.

This project implements a semantic search engine using large language models, here users provide a prompt using the semantic meaning of that relevant articles stored by the user on the are then shown as results with their abstractive summary and link to the article. Users can add articles to the index by just providing the system with a link.

OTHER PROJECTS **Inventory management system, To-do list web-app, Document image denoising by Autoencoder Model, Customer segmentation using Clustering**

EDUCATION

- **ROSARY SCHOOL & JUNIOR COLLEGE, PUNE (2016 – 2017)**
Degree: 10th **Board:** ICSE **Percentage-Marks:** 87.33
- **HUTCHINGS HIGH SCHOOL, PUNE (2017 – 2019)**
Degree: 10+2 **Board:** ISC **Stream:** Science **Percentage-Marks:** 85.58
- **MIT-SCHOOL OF ENGINEERING, MIT-ADT UNIVERSITY, PUNE (2019 – 2023)**
Degree: B.TECH **Stream:** Computer Science & Engineering (Intelligent System)

CERTIFICATION
& AWARDS

- 5 Star – Gold – Problem Solving – [Link](#) (by Hackerrank.com)
- 5 Star – Gold – '30 Days of Code' – [Link](#) (by Hackerrank.com)
- 4 Star – Silver – SQL – [Link](#) (by Hackerrank.com)
- SQL (Intermediate) Certificate – [Link](#) (by Hackerrank.com)
- Receiving an annual Scholarship from MIT-ADT University
- Gold Medal in Essay Writing competition on Engineers Day Topic – 'Future of A.I.'

LEADERSHIP

- Student Chair - IEEE Computational Intelligence Society Chapter at MIT-SOE

WEB-LINKS

Linkedin – www.linkedin.com/in/jayant-ghadge-9269b91a8

Leetcode – <https://leetcode.com/dextroflask/>

HackerRank - <https://www.hackerrank.com/ghadgejayant929>