

Deepak Kolaparthi

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EDUCATION

National Institute of Technology Patna

Patna, India

B.Tech. in Computer Science and Engineering | CGPA: 9.20/10

12/2020 – Present

Sasi Junior College

Velivennu, India

Board of Intermediate Education, Andhra Pradesh | Percentage: 97.8/100

07/2018 – 05/2020

WORK EXPERIENCE

TestAlng Solutions Pvt. Ltd

Bangalore, India

Machine Learning Intern

05/2023 – 07/2023

- Refined a segmentation model using PyTorch that achieved an accuracy of 80% in image segmentation to detect and isolate objects within images trained on the Carvana dataset.
- Implemented MIFlow to effectively manage and compare 2 or more experiment runs, facilitating informed decision-making.

Chegg, India

Remote, India

Student Matter Expert

09/2022 – 01/2023

- Offered valuable assistance to students by delivering comprehensive solutions to their inquiries.
- Resolved over 30 problems spanning Data Structures and Algorithms (DSA), and Database Management Systems (DBMS).

COMPETITIVE PROGRAMMING

Codeforces [kolaparthi.ug20.cse](#)

- Pupil** | Maximum Rating: **1296** and secured best rank of **2500th** in the Hello2023 contest.

CodeChef [deepak767207](#)

- 3★** | Maximum Rating: **1729** and secured global rank of **333rd** in Starters 98 Division 2.

LeetCode [kolaparthideepak](#)

- Knight Badge** | Maximum Rating: **1990** and completed over 1000 problems involving DSA as well as MySQL.

PROJECTS

ENHANCING VISUAL CLARITY |

01/2023 – 05/2023

- Tools & Technologies:** Google Colab, YOLO, Python, PyTorch.
- Created a YOLO-based ML model achieving 80% accuracy in detecting objects in challenging weather via feature aggregation and 3 detections method.

DELICIOUS - DINE | Github

05/2022 – 06/2022

- Tools & Technologies:** VScode, HTML, CSS, Bootstrap, Angular, Node.js, MongoDB.
- Developed a responsive MEAN stack website allowing single-user login/signup, exploring restaurant info, adding/removing favorite dishes, and posting comments/feedback.

BILINGUAL LANGUAGE TRANSLATOR | Github


01/2022 – 02/2022

- Tools & Technologies:** VScode, HTML, CSS, JavaScript.
- Crafted a user-friendly, responsive website with integrated API for seamless translation across 90+ languages, featuring added functionalities of copying translated text to a clipboard and text-to-speech capabilities.

TECHNICAL SKILLS

C | C++ | Python | JavaScript | HTML | CSS | Bootstrap | Angular | Nodejs | MongoDB | MySQL | Data Structures & Algorithms | OOPS | DBMS | Operating System

ACHIEVEMENTS

- Secured state rank of 213 in EAMCET in the year 2020 out of 160000 participants.
- Achieved Certificate of Excellence from  Coding Ninjas for proficiency in DSA C++.
- Ranked within the top 2% in "Joy of Computing with Python" conducted by NPTEL.
- Published 2 articles titled ChatGPT for Kids, End to End Guide for Image Segmentation.