PRATIK RAJ

India.

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Education

Indian Institute of Information Technology Kottayam   **2020 - 2024**
*Bachelor of Technology in **Computer Science Engineering** (CGPA 8.2)*   *Kottayam, India*

Intermediate of Science(CBSE)   **2018-2020**
HKIS, Chapra (Overall: 91.4%)

Experience

UST   **June 2022 – July 2022**
Software Development Engineer Intern   *(Remote)Trivandrum, India*
- Worked on **computer vision** to enhance E-commerce service in order to reduce return and cancellation of products.
- worked on **accurate attribute detection** of products.
- worked on inventory sorting program that can improve inventory sorting by 37%.
- Skills :- **Python, Computer Vision, Open CV, YOLO V3**
- certificate

SketchVibes   **May 2021 – July 2021**
Web-Developer Intern   *(Remote)Mumbai, India*
- maintained the e-commerce website and added new features **(product filtering, product attributes, SEO)**
- Skills :- **HTML, CSS, JavaScript, Bootstrap, WordPress, React JS.**

Coding Profile Links

- Leetcode (350+Problems solved)
- Codeforces (Rating: 1094)
- Codechef (Rating: 1529)
- Github
- Hackerrank

Projects

Diffxture : Texture Detection using computer vision   **Project Link**
- An interface that will sort the inventory cloth items based on the texture and design of cloth.
- useful in inventory management and can improve the efficiency and time required in sorting of clothes.
- TechStack: **Python, OpenCV, Numpy, Juypter.**

Object size detection (Team Project)   **Project Link**
- An interface that can detect the height and width of an object in cms based on a reference object.
- Objective: detect the correct size required by a customer of e-commerce site so that returns and cancellation could be reduced.
- TechStack: **Python, OpenCV, Numpy, Juypter.**

CyberLabs : Website of CyberSecurity club IIIT Kottayam   **Project Link**
- Developed the Official website for the cybersecurity group of IIIT Kottayam from scratch.
- Objective: used to manage upcoming events, funded projects, research publications and alumni details.
- TechStack: **html, css, javascript and bootstrap.**

Relevant Coursework

- Data Structures
- Design Patterns
- Operating Systems
- OOPS
- Algorithms Analysis
- Computer Networks
- Database Management
- Problem solving

Achievements

- Starters 70 Codechef (Global Rank: 1317)
- Leetcode Biweekly 100 (GLobal Rank: 2751/22000+)
- Codeforces Round 858 (Global Rank: 4357/24000+)

Technical Skills

Languages: C, C++, Python, Java, JavaScript, SQL
Web Technologies: Bootstrap, Version Control(GIT), Postman, Juypter, NodeJS, ReactJS,
Python Libraries: Numpy, Pandas, OpenCV, Scikit.