HEMACHANDRAN S

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in [LinkedIn](#) | ⌗ [Github](#) | [MyWebsite](#)

Highly motivated and skilled student, currently pursuing undergraduate in Computer Science and Engineering. I have passion for programming and problem solving.

My portfolio Website - [Link](#)

EDUCATION

PES University   **2020-Present**
B. Tech in Computer Science and Engineering   *Bangalore*, India

- Cumulative GPA: 7.84 / 10.00
- Coursework: Object Oriented Programming, Database Systems, Operating Systems, Computer Networks

EXPERIENCE

DUROFLEX Private Limited   **June 2022 – July 2022**
Python Developer Intern   *Bangalore, India*

- I collaborated with the IT department to develop a project that utilized multithreading to enhance the efficiency of data retrieval from a SQL database to an Excel sheet, utilizing the Python programming language.
- I was responsible for identifying and implementing resolutions for software bugs in various programs.

EXPRESS RUPYA Investment Firm   **June 2023 – present**
Full-Stack Web Developer Intern   *Mumbai, India*

- Built a full stack CRM web application, the web app is capable of handling all the borrower, lender relationships and can automate many financial processes. I worked in technologies like React JS, Node JS, Express JS, SQL.
- I learnt about work environment and developed habit for frequent calls and team meets.
- I also was provided a hike for being innovative.

PROJECTS

Malware Detector | Machine Learning

- Detects if the given executable file (.exe) is malicious or not using machine learning algorithms.

Portfolio Website | JavaScript, sass

- Personal portfolio website built using HTML, SASS, CSS, JavaScript.
- Website displays about my projects, previous work experience, Achievements.
- [Website Link](#)

ADAS (Advance Driver Assistance System) | ML,Computer Vision

- Assists driver in detecting anomalies in roads, also warns about other measures like lane departure etc.
- The main algorithm used is YOLOv8 Model for anomaly detection like potholes.

SKILLS

Industrial Knowledge: Problem Solving, Web Development, ML

Languages: C/C++, Python, JavaScript, SQL, Java.

Other Technologies: React JS, Node JS, Express JS, Mongo DB, Sass , Git , Big Data (Mapper reducer , distributed computers.)

ACHIEVEMENTS AND RESPONSIBILITIES

- Earned DAC scholarship for ranking top 30% in semesters 1, 5, and 6
- Achieved a Gold medal in the UEIO English Olympiad.
- I was responsible for event organisation and crowd management in MAYA event.