PRATHMESH CHOUDHARI

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LinkedIn Profile · GitHub

To be an asset to the organization where I can apply all my skills & knowledge which would help the organization to grow & this will further enhance my growth profile. It would be my never-ending dedication to maintain the scale of honesty, character, and hard work

SKILLS

- C++, Python, Java, DS, OOP
- ML, TensorFlow, OpenCV
- Salesforce 1x certified

- HTML, CSS, JavaScript, jQuery
- PHP, Node.js, Django, MySQL
- Salesforce: Apex, SOSL, SOQL

EXPERIENCE

27/12/2021 – ONGOING
Software Engineer, PERSISTENT SYSTEMS

I worked here firstly as a college intern and got a full-time role of Salesforce Developer. I have worked on Trigger framework, Trigger Handlers, Impact Analysis, Data Loader and API related POCs while working on a finance project

01/02/2021 – 01/12/2021
FREELANCE WEB DEVELOPER

Worked with multiple clients and startups. Created 4 fully working websites following **MVC pattern** using technologies LAMP stack and Python Stack. Also ensured proper deployment and lesser loading time using minified codes.

01/07/2020 – 30/11/2020
RESEARCH INTERN, SYMBIOSIS INTERNATIONAL UNIVERSITY

I worked here on a research project in Biological Machine learning domain. Analyzed various deep learning architectures and performed segmentation by transfer learning Mask RCNN models on the dataset provided in MICCAI 2019 global challenge. I also used Computer Vision techniques on the segmented ground truths to predict cobb angle in vertebral column.

EDUCATION

AUGUST 2022
B. TECH (COMPUTER SCIENCE), VIT PUNE
CGPA: 8.62

FEBRUARY 2022
HONORS AI & DA, VIT PUNE
Extra credit course of Artificial Intelligence and Data Analytics offered by VIT Pune.

PROJECTS AND PUBLICATIONS

> ➢ Virtual Trial Room (08/20-12/20)

- Developed a neural network which gives virtual garment wear experience on image of the user. Won an intercollege hackathon
- Technology used: Python, Android, Django, Flask, HTML, CSS, JavaScript

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> ➢ AI Based Arcade Car Game (Research Paper)

- Reduced runtime lag of 10 seconds to less than 1 second for non-GPU devices by avoiding use of complex Neural Networks.
- Technology used: Pygame, OpenCV

> ➢ Cobb Angle Estimation 07/20 –11/20 (See Visual explanation)

- Dataset: MICCAI 2019 global challenge
- It was the project I undertook during my research internship. It calculates cobb angle using AP Xray image. Deep Learning concepts and Computer vision used
- Technology used: Python, OpenCV, TensorFlow, Deep learning

> ➢ HR & Payroll Management Portal (Video)

- Website made following MVC pattern.
- Real time used by a construction company
- Technology used: HTML, CSS, Bootstrap, JavaScript, jQuery, PHP, MySQL

> ➢   Event Management Portal

- Website for event management. Admin can change location, pricing, and details
- Two payment portals linked and can be switched by admin
- Registration confirmation email after successful payment
- Live and used by 100+ people

> ➢   Matrimonial Website

- Website for Arya Vaishya society. Registration, profile visit, profile security, chat, payment portal, profile pdf generation are the features involved
- Technology used: AWS, HTML, CSS, Bootstrap, JavaScript, jQuery, PHP, MySQL

AWARDS AND ACHIEVEMENTS

- ❖ Inter College Product Development Hackathon
    - o Winner (2nd prize for Virtual Trial Room)

- ❖ Public Speaking Competition
    - o Winner for consecutive 2 years
    - o Rank 1: 2020
    - o Rank 3: 2021

- ❖ National Level Participant
    - o Smart India Hackathon 2020 [Video]
    - o Smart India Hackathon 2022 [Video] (Single team across India for the P.S at ISRO)
    - o NASA's Space App hackathon 2020 (2nd Prize at Maharashtra Level)

EXTRA CURRICULARS

- • Instructor at Easy Code Classes
    - o Trained 200+ students in C, C++, OOP, Git and Python
    - o Conducted a hackathon for juniors
    - o Hosted multiple events and seminars on various competitions

- • Sponsorship Coordinator
    - o Worked for Social Welfare & Development club of college
    - o Raised sponsorship for blood donation camp