

ADITYA SRIRAM

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C1402 Salarpuria Serenity,
5th main, sector 7, HSR Layout,
Bangalore - 560102,
Karnataka, India

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C, HTML, CSS, JavaScript
- **Platform Frameworks and Tools:** Git, ReactJS, Xcode, Android Studio, Netbeans
- **Machine Learning Frameworks:** OpenCV, scikit-learn

PROJECTS

Contour Detection and Hierarchical Image Segmentation | C++, Python, Cython | Dec 2021 - Present

- Worked together with 3 computer scientists to overcome two fundamental problems associated in computer vision.
- Used a deep learning model to form closed contours and segment the image on a global scale of the image.
- By going for a deep learning model that takes global parameters, helped improve the quality of the contour as well as reduce the time taken for the code to execute.

Seat Management System for an Office Space | HTML, CSS, JavaScript, Django | Feb 2022 - May 2022

- Worked together with a team of 5 members to help digitalize the process of seat allocation for a given office space.
- Used concepts of web design and python programming to help ease the process of seat allocation for a company by automating the process.

Yogashaala | HTML, CSS, JavaScript, Django | July 2021 - Nov 2021

- Spearheaded a team of 5 to design and develop a website for a company providing yoga services in Oman.
- Used concepts of web design to help build a website that acted as a Point of Sales between the company and customers who were interested in taking up the services of the company,

EDUCATION

PSG College of Technology, Anna University Coimbatore, India Bachelor of Engineering in Computer Science and Engineering July 2019 - May 2023

- CGPA: 9.1/10.00 Department (CSE)
- Coursework: Data Structures, Advanced Data Structures, Machine Learning, Operating Systems, Distributed Computing, Compiler Design, Database Management, Software Engineering, Embedded Systems

WORK EXPERIENCE

Samsung Research Institute May 2021 - Nov 2021 Project Intern

- Worked as a part of the 'Samsung PRISM' program, with the Samsung Research Institute, Bangalore.
- Developed a web based P2P video conferencing application.
- Helped reduce the bandwidth of the video distribution application by 5%.
- Received a 'Certificate of Excellence' for the work done in reducing the bandwidth of the application.

AWARDS & ACHIEVEMENTS

- Joint Secretary of the Computer Science Engineering Association at PSG College of Technology, responsible for hosting events such as alumni seminars and technical contests July 2020 - June 2021.
- Active participant in various competitive programming contests.
- Part of the Karnataka State Basketball Team and the college basketball team of PSG College of Technology.
- Won the district level basketball tournament while being an active member of the college team of PSG College of Technology