

SIVA RANJANI S

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Education

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| Panimalar Institute Of Technology, India | 2018 - 2022 |
| • Bachelor of Engineering (B.E) in Computer Science CGPA: 8.8/10 (Till 6th sem) | |
| Srimathi Sundaravalli Memorial School, India | 2018 |
| • CBSE (Class XII), Aggregate: 86% | |
| Srimathi Sundaravalli Memorial School, India | 2016 |
| • CBSE (Class X), CGPA: 9.6 | |

Skills

C Programming | Java | Python | C++ | Data Structure | Machine Learning | Front-end Developer | Github | Public Speaking | Technical Writing | Mathematics | Leadership and Communication skill |

Work Experience

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| 1. Internship One Yes Technologies Junior Java Developer | May'19 - June'19 |
| • Designing, maintaining and building the reusable and efficient Java code. | |
| • Developing the service layer that acts as a bridge between the presentation layer and data access layer, with spring framework. | |
| • Supporting the programming team members by updating existing applications and modules. | |
| 2. Internship Kaashiv Infotech Machine Learning Engineer | Dec'19 - Jan'20 |
| • Experience with common Machine Learning algorithms like Regression, Classification models. | |
| • Implemented different CNN architectures like Pooling to increase the accuracy. | |
| • Have applied image enhancement operations, morphological operations and Gaussian blurring filters. | |

Paper and Projects

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| 1. Research Paper on Amenity Detection using Machine Learning Models | 2021 |
| <i>An extensive research paper using Supervised Machine Learning Models to detect the amenities in an image with higher-precision compared to the state of art model.</i> | |
| • The Pre-trained models in this research paper project is SSD-MobileNet V2 and Faster RCNN + Inception ResNet V2 | |
| • Object detection technology which has been trained from the COCO dataset is used. | |
| 2. Street Light Automation | 2021 |
| <i>Developed an Image processing model that detects the presence of Humans and automatically adjusts the brightness of that street lights proximate to them. This information is then used to find nearby street lights and control their brightness.</i> | |
| • The model basically detects and localizes the presence of humans by characterising their motion, dimensions etc using Image processing . It applies dilation and erosion techniques to get a better vicinity of the object detected. | |
| 3. MedEx Truth | 2020 |
| <i>A website for delivering medicinal drugs directly to home which educates the user about side effects, age limit, recent news clips about the drug, etc.</i> | |
| • Deployed a Simple UI website for users to order drugs and learn at the same time with features like news columns, medicinal information, the do's and don'ts using Front end developing languages for Web Development. | |

Academic and Extracurricular Achievements

- **Winner of National Level Hackathon** event in the year 2020 for the Wireless Charging Project.
- Presented a paper on “ **Computer Aided Education for Autism Kids** “ in the Velammal Engineering College Conference.
- **Winner of coding competition** in Bootup 20 Technical Symposium conducted by Rajalakshmi Engineering College.
- Won the prestigious “**Triple Crown Award**” from Toastmasters International for completing 3 levels of Leadership within a short span of time.
- Awarded the “ **Best Public Speaker of the year 2020** “ title in a competitive pool of over 500 participants in the event conducted by **Toastmasters International**.
- “ **Best Table Topic Speaker of the year 2021** “ title was awarded as a remark for my exceptional critical thinking skills among a pool of 500+ participants.
- “**Leadership award**” from **Toastmasters International** for showcasing excellent Leadership and communication skills.
- A passionate and **proficient writer** and have freelanced in various paid Content Writing roles with glorious comments.

Volunteering - Positions of Responsibility

- 1. Vice-President of Chennai Articulators Toastmasters club** **June 2020 - Present**
Toastmasters International is a Non-Profit Organization which promotes leadership, communication and Leadership.
- 2. Organizing Manager of Stackathon** **April'20 - September'20**
Stackathon is a platform where ideas come true. We conducted Hackathons, webinars and workshops frequently for the benefit of the students to convert ideas into start-ups.
- 3. Secretary of Studymonk** **May'20-November'20**
Lead a team of 80 people to achieve their dream career, mentoring them on different career opportunities, importance of having a good LinkedIn profile, public speaking, Hackathons, leadership and much more.

Prominent Certifications

- Business English Certification(BEC) - Cambridge University** **February'20**
Qualified the Business English Certification (BEC) Examination with a commendable score which tested my practical business language skills, business email writing and business speaking skills.
- Machine Learning - Studymonk** **August'20**
*This Machine Learning course offered by **Stanford University** covered various concepts such as Linear Regression, Logistic Regression, Regularization, Unsupervised learning, Anomaly detection which were taught by Andrew Ng, Udemy instructor.*
- BoardRoom Presentation - Udemy** **September'20**
The course was focused on how to speak in a formal environment without being intimidated, get board members to understand and remember your key messages by instructor TJ Walker, who has trained Presidents, Prime ministers and Noble Prize winners on giving an effective speech.
- Designing, Analytical Marketing and Team Dynamics - Studymonk** **January'20**
Studymonk is the Netflix for education. As a student, I designed websites, coded, articulated various contents for social media profiles, organized webinars, internship convoys, completed front end development courses and exhibited leadership, and business skills needed for current corporate trends and got certified for the same.
- High Performance Leadership - Toastmasters International** **2021**
I was recognized for exhibiting leadership and communication skills in Club, Area, and Division contests by taking up the roles of Contest Chair and Chief Judge many times in the year 2021.