Prathibha Warrier

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| **ACADEMIC QUALIFICATIONS** | | | |
| **SRM Institute of Science and Technology College,**  **Chennai, Tamil Nadu (India)** | Bachelor’s of Technology (B. Tech) – Computer Science | **76/100** (Percentile) | 2016-2020 |

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| **ACADEMIC ACHIEVEMENTS** | |
| * **Student coordinator for a Robotics club in College** * **Papers published in Springer journal for research in Pneumonia Detection and Classification Using Chest X-Ray Images with Convolutional Neural Network.** * **Paper published in the field of Deep learning and Machine Learning** * **Azure AZ-900, Cloud certification** | 2018  2020  2021  2021 |

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| **PROFESSIONAL EXPERIENCE** | | |
| **Intern**  L&T -Smart City and Communications | * **Developing** use cases for Smart City Infrastructure * **Created** pipelines and architecture for implementation of Smart City use cases * **Created** workflows and use cases diagrams | June’17  -  July |
| **AWS Engineer**  LTTS, Vadodara | * **Designed** and **Implemented** database migration from SQLite to AWS RDS. * **Successfully** transferred all data at low cost to a serverless system on AWS cloud. * **Developed** an automation pipeline for the database migration. Using **Python, Boto3, AWS as RDS** | Nov’20  -  Jan’21 |
| **Web Developer**  LTTS, Vadodara | * **Developed** a website to store data and UI to monitor and access a database of images, and etc Using **React, JavaScript, JWT, Spring- Micro Services, AWS as RDS.** | Feb’21  -  Aug’21 |
| **ML and DL Engineer**  LTTS, Vadodara | * **Developed** a Deep Learning Model using Yolov5 model for the use case of Worker’s Safety.   **Using Cuda, Darknet, Python, Yolov5, OpenCV, Tensorflow**   * **Created** computer vision use cases such as Object Dimension detection and Color Detection. Using **Python, Opencv, Pytorch** * Resize and Image without any external libraries Using **C and bmp images** | Aug’21  -  April’22 |
| **UI/UX Developer**  LTTS, Mysore | * **Developed** a GUI for STM32 micro controllers   GUI developed using **TouchGFX** and **Embedded Wizard** | May’22  -  Aug’22 |
| **Software Developer**  LTTS, Mysore | * **Developed** a SPI communication between W5500 and Microcontroller over SPI line Using **STM32, TI controller, W5500 in C Language** | Oct’22  -  June’23 |

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| **POSITIONS OF RESPONSIBILITY** | | |
| **NSS Camp**  Chennai | * **Responsible** for forming a team to paint a kindergarten school for under privileged kids to create and atmosphere for hope and happiness. | |
|  | 2018 |
| **Student Coordinator**  Robotics Club- SRM | * **Pioneered** a college fest to exhibit talented people who developed a robot to compete in a race * **Organized a** symposium for game development and AI/ML symposiums for the 1st year students | 2016  - 2019 |

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| **EXTRA and CO – CURRICULARS** | | | |
| **Awards** | * **Best Project Award GENESIS L&T 2020** | * Best project award in the field of ML and Cloud. |  |
|  | 2020 |
| * **LTTS Spot Award** * **LTTS OpenHackathon’ Special Jury Award** | For customer satisfaction and on time delivery of Projects.  Custom Bootloader on AIR | 2012  2023 |

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| **Activities** | * **NGO** * **Others** * **Skills** * **Languages** | * Spearheaded a small group in cleaning the local animal shelter “Blue Cross” in Chennai * Painting a pre- school * Choir singer for all functions in School and College * Singer|Volley Ball Player|Throw Ball Player * English | Malayalam | Tamil | Hindi | French | 2016  - 2018 |

**Address**: Chennai, Tamil Nadu, India