

ARAVIND REDDY

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OBJECTIVE

To pursue career in a progressive organization where I can enhance my technical skills and apply them towards achievement of a goal which in the process will satisfy my craving for learning.

WORK EXPERIENCE

May 2018 - Jul 2018	Software Developer Intern at PALS(India) Pvt Lmt, Hyderabad <i>Support for development of ERP product</i> - Responsible for developing an application for test data creation and entry in database. - Working on a R&D project to improve the performance of software using 3D canvas instead of 2D canvas in front-end.
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EDUCATION

Program	Name of the Institution	%/CGPA	Year of Completion
B. Tech Computer Science and Engineering	MallaReddy College of Engineering Hyderabad	6.8	2020
Intermediate (MPC)	Sri Gayatri Junior College, Hyderabad, Telangana.	92.0	2016
SSC (10 th)	Suryapet High School, Suryapet, Telangana.	92.0	2014

SKILLS & ABILITIES

- Programming languages:** C, Java, Python, HTML, MySQL, CSS, Verilog.
- Personality Traits:** Persistence, Takes Initiatives, Team Player, Commitment.

ACHIEVEMENTS

- Won first prize in samgatha manual robotics event – March 2014
- Won first prize in samgatha ‘Defuse’ event – March 2014
- Won first prize in samgatha ‘Electro mania’ event – March 2015
- Runnerup in the Hackathon event - Sept 2016
- Secured state 10th rank in Indian Engineering Olympiad 2016.
- Won first prize in samgatha ‘Electro mania’ event – March 2017

AREAS OF INTEREST

- Deep Learning & Neural Networks
- Artificial Intelligence
- Computer Vision
- Data Analysis

ACADEMIC PROJECTS

Toward Intelligent Network Optimization in Wireless Networks: An Auto Learning Framework: In this project we proposed an auto-learning framework to achieve intelligent and automatic network optimization by using machine (ML) techniques. We proposed this idea particularly to find the shortest path between different networks using Reinforcement Learning.

Finding Shortest Path: We used Firefly Algorithm to find the shortest path between nodes(networks)

Optimization: We used KKT condition, Q-Learning, Lagrangian duality optimization techniques.

Machine Learning Techniques: Supervised Learning, Un-Supervised Learning, and mainly reinforcement Learning is used to make the nodes process as trial and error method.

INTERNSHIP

At People Asset Learning Services (India) Private Limited worked as a software developer, I Learned How to develop and deploy the web page and also worked on different test cases. We worked on the web page for online teaching platform.

TECHNICAL EXPERIENCE

- Successfully completed the Algorithms Specialization by Stanford University by Andrews J in coursera.
- Completed Deep Learning and Neural Networks Specialization in coursera. And Data Structures Specialization by IBM.
- Participated in Hackathon state level program.

POSITION OF RESPONSIBILITIES HELD

- Co-curricular affairs Secretary of MallaReddy college of Engineering for academic year (2019-20).
- Quality Management Service core for the Samgatha 2016 tech fest.
- Co-Coordinator for workshop on Vehicle Over Hauling organized by Prigma EduTech Services-Mar-2016.
- Co-curricular affairs coordinator for the academic year (2017-2018).
- Co-Coordinator for workshop on RC Aircraft Workshop organized by Aerotrix Services- February 2015.
- Volunteer for Quality Management Services in Samgatha, 2014.

DECLARATION

I do hereby declare that all the details furnished above are true and correct to the best of my knowledge.

Mukkala Aravind Reddy
Hyderabad.