
Aswin Prasad I S

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OBJECTIVE :

Being part of success through contributions from Self & Team with Good Organizational abilities.

EXPERTISE :

CDNA Technologies Pvt. Ltd / Nuclei - Bangalore (Mobile Developer) Jan - July 2020

As an mobile developer, completed the project "Gold" following recommended design patterns, API integration & UI, this provides the client with live prices of gold provided by SafeGold, and the user can buy, sell, deliver or gift the gold.

Sobis Software Pvt. Ltd - Bangalore (Data Science) June - July 2019

As a data scientist intern, I have designed & developed a client program used for queries on the data available on the FDA sites and returns the critical information in one go with near zero delays.

EDUCATION :

Bachelor of Computer Science and Engineering (2016 - 2020)

Nitte Meenakshi Institute of Technology - CGPA : 8.5

XII (Senior Secondary), Science- 2016 ,

CBSE Board (Kendriya Vidyalaya No. 1) Percentage : 89%

X (Secondary) - 2014

CBSE Board (Kendriya Vidyalaya No. 1) CGPA : 9.4

TECHNICAL SKILLS :

Industry knowledge:

Artificial Intelligence (AI)	Cybersecurity	Shell Scripting
Data Structures	Algorithms	System Architecture
Project Planning	Strategic Planning	Web Development
Game Theory	IoT	Automata Theory

Tools and Technologies:

C/C++	Java	Adobe CS/CC
Python	Linux/Debian	Web Development
MySQL	MongoDB	Kali (pen-testing)

GENERAL SKILLS :

- Logical and critical thinking.
 - Ability to take a logical and analytical approach in problem solving vs resolving issues.
- Teamwork and communication
 - Clear, concise and focused in delivering messages for the audience with due consideration to the views of others.
- Commercial awareness
 - How the industry works, understanding what the organisation wants to achieve through its products, services and how it competes in the marketplace.
- Leadership
 - potential to motivate teams and other colleagues, assigning and delegating tasks, making sure the milestones are achieved within the allotted time frame.
- Confidence
 - A self confident individual, also having confidence in the colleague and the company.

PROJECTS :

- **Drone Internet Controller Framework (Apr 2020 - Present)**

Developed a framework w/Python & web technologies that can be used to operate drones over the internet, main objective being delivery of goods.
- **Ram Simulation (Feb 2019 - Mar 2019)**

Demonstrating what's going on inside RAM using a C++ code.
Part of Artificial Intelligence course, 6th semester.
- **Secure SMS (Jan 2019 - Jan 2019)**

Integrating API provided by FAST2SMS along with an encryption/decryption algorithm to send encrypted messages to any phone number using GUI w/python.
Part of a cyber security course project, 6th semester.
- **Diary From The Future (Nov 2018 - Dec 2018)**

Using predictive analysis to give users how his future will be based on entries so far, integrating MongoDB w/python.
Part of the DBMS course project, 5th semester.
- **Portable Hack-a-bot (May 2018 - June 2018)**

Demonstrating features of penetration testing software modded to run on small devices such as a Raspberry Pi 3 with remote connections.
-Part of Cyber Security Project, a course from RITx (Rochester Institute of Technology) on edx.org
- **File Share (Mar 2018 - Mar 2018)**

Share any file from one PC to another using FTP and C++.
Part of Object Oriented Programming System project, 4th semester.
- **Traffic Management (Oct 2017 - Dec 2017)**

Providing a zero congestion near traffic junctions for emergency vehicles.
Part of the 3rd semester Mini Project.
- **LAN Live Streaming (Dec 2018 - Jan 2019)**

Using Parsec, NVIDIA SHIELD and Raspberry Pi 3 w/RetroPie mod for converting ordinary TV to a smart TV.
part of Home Automation prototype.

Github repository: <https://github.com/Aswin-ElMagnifico>

WORKSHOPS AND TRAININGS :

- **Android**

Nitte Meenakshi Institute of Technology (Bangalore) Oct 2018 - Oct 2018
Workshop on developing and testing android apps.

- **Networking And Cyber Security**

RITx (Rochester Institute Of Technology Via Edx.org) (Online) May 2018 - June 2018
Introduction to computer networks, working and penetration testing.

- **Artificial Intelligence**

ColumbiaX (edx.org) (Online) Apr 2018 - June 2018
Introduction to AI, applying and analyzing searching algorithms, building intelligent agents.

- **Robotics**

Nitte Meenakshi Institute of Technology (Bangalore) Jan 2018 - Mar 2018
Course based on fundamentals of robotics with hands-on sessions of Lego Mindstorms and Tetrix.

PARTICIPATION AND AWARDS :

- Coding Competition, secured **3rd** (college level)- Bangalore 2017
- RVCE Hackathon (Internet of things, National level)- Bangalore 2017
- Smart India Hackathon (Internet of Things, National level)- Bangalore 2017
- Digifest Hackathon 2018 and secured **5th** (Traffic Mgmt, National level)- Rajasthan 2018
- BMSCE college fest Hackathon (Blockchain and Android integration)- Bangalore 2019

REFERENCES :

Dr. Nalini Niranjana

Professor

Nitte Meenakshi Institute of Technology
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Mr. Ashok Sengupta

Post Graduate Instructor

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