**SHIFA AMAN**

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### CAREER OBJECTIVE:

### Aim to be associated with the progressive organization where I can create a position for myself as an efficient professional in the highly competitive world through honest and committed hard work in conjunction with my knowledge and positive attitude, which will also ensure beneficial for the organization.

# PROFILE SUMMARY:

* Strong in design and integration with intuitive problem-solving skills. Proficient in C# and PYTHON. Completed unified course on python and passionate about implementing and launching new projects. Ability to translate business requirements into technical solutions.
* Responsible for plan / design / maintenance of Technology / Networking infrastructure.
* Designing and applying solutions/policies that would meet or exceed functional, operational, performance and analytical requirements while minimizing technical risks in implementation.
* Technological mindset for designing and implementing AI network architectures, including configuration, optimization and supporting network management systems.
* Looking to start the career as an entry-level software engineer with a reputed firm driven by technology.

**KEY SKILLS:**

* Knowledge about software like MATLAB, Xilinx ISE, Turbo C
* Knowledge on programming languages like c and python
* Good knowledge of programming concepts, object-oriented programming and multi-threaded programming
* Knowledge Artificial Intelligence and Machine Learning domains
* Good knowledge of Deep Learning Fundamentals
* Good Understanding of Multi-Process Architecture
* Analytical and Problem-Solving Capabilities
* Good Testing and Debugging skills
* Great organisational skills, strong teamwork ethic, excellent verbal & written communication skills

# TECHNICAL SKILLS:

* Good hold on core python concepts like iterators, Data Structures, [OOPs concepts](https://www.edureka.co/blog/object-oriented-programming-python/), [Variables and data types](https://www.edureka.co/blog/variables-and-data-types-in-python/), [File handling concepts](https://www.edureka.co/blog/file-handling-in-python/), [Exception Handling](https://www.edureka.co/blog/exceptions-in-python/) and [generators](https://www.edureka.co/blog/generators-in-python/)
* Excellent knowledge on use of Python packages like([NumPy](https://www.edureka.co/blog/python-numpy-tutorial/" \t "_blank), [MatPlotlib](https://www.edureka.co/blog/python-matplotlib-tutorial/" \t "_blank), [Scikit learn](https://www.edureka.co/blog/scikit-learn-machine-learning/" \t "_blank), etc) for Data Science
* Knowledge of Python Web Frameworks like Django
* Familiarity with Object Relational Mapping (ORM) Libraries
* Detailed knowledge of Python including the development of extension types using the Python/C interface, and popular scientific computing libraries (including Numpy and Scipy etc)
* Experience with modern source code version control systems (git)

# EDUCATION:

# Master of Technology in Digital Electronics and Communication (E&C) from MS Ramiah Institute of Technology, VTU, 2019-2021

* **Bachelor of Engineering** in **Electronics & Communication** from Rajiv Gandhi Institute Of Technology, VTU, 2015-2019 with 70%
* PUC (PCMB) from Mount Carmel PU College, Department of pre-university education Karnataka, 2013-2015 with 70%
* SSLC from Siddhartha Public School, Karnataka Secondary Education Board, 2011-2012 with 82.3%

**PROJECTS:**

* **Plant Disease Identification and Classification Using Deep Learning**

This project predicted and classified plant diseases using deep learning and applied transfer learning techniques to improve the architecture performance. It gave a comparison between two CNN architectures, AlexNet architecture and a newly created architecture. The architectures could predict whether the plant is diseased or not using its leaf images.

* **Camouflage Technique based Multifunctional Army Robot**

Using concepts of IoT, Image Processing and Robotics, developed a multifunctional army robot that could get camouflaged including additional parameters like a Wi-Fi module driven by a mobile application for real time data transfer processed by the camera, a gas sensor, metal detector, sound sensors and a PIR sensor to trace the intruders. The proposed system could reduce errors at defense and keep the nation secure from foe.

**INTERNSHIP:**

* Completed internship in Machine Learning With Python at Tech Fortune Technologies, Bangalore
* Completed one month internship at DEBEL, DRDO, Bangalore

**TRAININGS ATTENETD**

* IoT and its applications training workshop
* Workshop on “Recent Advance in Optical Communications and Networks” organized by TESLA Forum at RGIT, Bangalore.
* Workshop on “Electronics and Communication Engineering in Radio Astronomy” organized by TESLA Forum at RGIT, Bangalore

# PERSONAL DETAILS

Date of Birth: 02 September 1997

Languages Known: English, Hindi, Kannada

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