RESUME

SHAILESH KUMAR

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Education

M-Tech in Computer Science and Technology	Passing year	CGPA
Central University of Punjab Bathinda	October-2016	5.27 / 6.0

B.E in Information Science	Passing year	Percentage (%)
Visvesvaraya Technological University Belgavi	July-2012	70.67

Work Experience

I have total of 3.1 year experience. Out of which, I have 3.1 year working experience of Python, Python with oops, C/C++(1.5year) , Ada(1.5year), NoSQL (6-month), IOT (6-month)Core-JAVA (6month).

- Currently in Globallogic I am on Schindeler Project **as IOT developer with Python, Raspberrypi ,Node-Mcu, Azure cloud environment and data analytics using python.**

- **Server log Analyser for studying DOS attack using GoLang for Globallogic.**

- **Working With** *GlobalLogic* **as Software Engineer-** *python Developer on tools Scrutinize forVertica DataBase***. This tools is helpful for analyzing the detail issues happen in Vertica Database.**

- **I had worked with** *Pinnacle Digital Analytics Pvt Ltd(jan-19 to July-19)***. as a Python Developer . I am currently in Network Domain on protocol TCP, UDP, and RADIUS protocol data. Network Data Analytic of these protocol data using** *pandas, Numphy, Matplotlib and Sklearn Libraries, cython, Object Orientation Implementation in python with Mongodb as backend .*

- **Worked for** *DRDO-ADE as JRF in SED-UAV division(Aug-17 to dec-18)***:**

Project Name	Language Use
1. Bootloader development OFP Programme on NFCC Box.	JAVA8 ,Swings, Collection Framework, Multithreading
2. Download Telemetry data analytic tool Implementation for segregating and analyzing 800 parameter of flight data.	Python, Pandas, Numphy, Matplotlib,

	cpython ,Django framework
3. Analyzing QTgraph tools and Updating.	C++11,STL and Multithreading
4. Nirbhay , Abhyas code implementation	C/C++ and Ada
5. HSI Testing of TAPAS, RustomII, Nirbhay	MATLAB, RTLAB model
6. Nirbhay and Abhayas Design and Documentation	Rhapsody IBM Tool, Star UML Tool and DOORS

Technical / Programming Skill

- **Working Knowledge of ATmega2560 microcontroller and Raspberry pi 3 for IoT**.
- **Other Communication protocol Used using ATmega and Raspberry pi are I^2C, SPI,CAN.**
- **On Going Masters Programme   in Machine learning and Artificial Intelligence from Simplilearn**.
- Working Knowledge of VMware and Oracle Virtual box.
- Algorithm and Data Structure, Operating System, Networks, Database Concept, Software Engineering, Image Processing, Machine learning and Deep Learning, BlockChain.

Certification

- Successful Completion of Linux Training programs From C-DAC Bangalore.
- Big-Data Hadoop Certification from Simplilearn..
- IOT certification from Collebratech.
- Data Science Using Python From Simplilearn.

Paper /Journal

- Kumar, S., & Singh, S., (2017). Performance Evaluation of Chain Based Routing Technique with Mobile Sink for Wireless Sensor Networks. In first International conference in computer and communication network, ICCCN 2017, NITTR Chandigarh, April 23, 2017, Proceedings, ISBN 978-8-193-38970-6, 1, 307-313.

Exam Qualified

- GATE Qualified.
- UGC-NET and JRF qualified

Introduction

First and foremost I am thankful to my teacher, colleagues and my parent who has supported me till now in my courier. My self **Shailesh Kumar**, done **Bachelor of Engineering** in **Information Science** and **Master's of Technology** in **Computer Science and Technology**. During my Engineering and master courses I have not only involved in education but also in social work. I have joined as **NSS** team in my M-Tech where I have went to school to talk to student. Working with NSS team I had done plantation drive on large scale where we have planted 80000 trees a day. Once there is issue with the student mess where due to some issue mess was closed and created a big problem to the university. Then I taken initiative to start co-operative mess and successfully established that mess now a days also serving student. This is all from my social part.

From my educational point of views, after completing my Master's I have joined **DRDO-ADE** Bangalore as **Junior Research Fellow** where I have first started Working with the **Nirbhay Missile Team**. I was working with Software Development Team. There I have perform changes in some of the module of Nirbhay code too. I have worked hard with the Nirbhay Team in the first Successful Trial of Nirbhay Missile. Which pride our nation with first Indigenous unmanned Missile with good precision range. For the same Nirbhay missile I have developed a Data Analytics Tools using Numphy, Pandas and matplotlib along with Core Python to show the graphical analysis of variable used in programme which in term help in finding error in the code. After that I have worked with testing of Tapas Astro and Design and Development team of Abhyas Missile and Lakshya Missile. It was a good journey all with DRDO and it ends in Month of December 2018. After that I have joined a **Pinnacle Digital Analytics Pvt. Ltd**. as a **python Developer** where I have worked with Network Data for drawing inference from data which has helped company in doing business with the client. Currently I have joined **Global Logic** same with python development for a tools related to vertica database. I have successfully completed the project with OOPs Python and Core Python. Thereafter, I moved to another project which IOT based project. This project is in POC mode where I have implemented it with the help of Raspberry Pie, Pyhton SDK for IOT provided by azure cloud. With these technology I have worked with Azure cloud in IOT POC where I have used some of the services of cloud like Azure IOT Hub, Azure, Logic Api, CosmosDb, Azure Defender For IOT Hub.

I am also learning some certification programme AL+ML Bigdata Hadoop where I am learning lot about Data mining, and implementing machine learning algorithm.