

**Praveen Kumar**

**Python Developer**

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### Professional Snapshot →

- Presently working with Fidelity International, Gurgaon as an Analyst Programmer - Python.
- Hold total working experience of 5.5 years in IT Industry.
- Have served for 3.8 years in TCS, Gurgaon.
- Experience in all activities of Software Development Life Cycle (SDLC) and Agile methodologies, with good project implementation experience, maintenance support, team skills and issue resolution capabilities.
- 1.5 years of working experience during graduation with Logixinfo Solutions Pvt Ltd followed by 6 months of working with Robo Sapiens technologies in the area of Controllers and Automation.

### Skills Set →

#### Technical:-

1.	Tech Skills	Python3 ,Django, Data Science ,Rest API,AWS
2.	Tools	Putty, WinScp, Oracle SQL Developer, GIT, JIRA, Teamcity, SVN, Stash, Matlab, AVR, Arduino, X-CTU, Pychamp, HID BootFlash ,ContoIM
3.	Database	Oracle
4.	Controller	Atemga8/16/32 , Arduino, Rasberry Pi
5.	Programming	Python, Unix, Embedded C

#### Functional:-

- Strong analytical and requirements elicitation skills, estimation, impact analysis, design, development, code review, production support process, status reporting and competency building.
- Designing, developing, and testing of different applications and troubleshooting, debugging of different production issues.
- Experience in resolving technical issues during system integration testing and post implementation.
- Cooperating & communicating with other team members for efficient management of work.
- Took ownership of knowledge transfer to new joiners in projects by conducting detailed sessions on functional and technical parts.

## Projects Executed →

### 1) Alligator Framework (FIL) :

Currently working on developing a framework which can serve the purpose of reconciliation and ETL processing. Alligator is being crafted to work as a Reader, Processor and Writer. As a Reader, it will be capable of reading multiple source types for eg: Database, Excel, csv. It will function as a Processor in the form of Python script which can be either picked from existing ones like reconciliation or Pivot OR user can create own Python script within the framework. It is being designed to work as a Writer which can write the output in any form for eg: Database, Excel, csv etc.

### 2) Data Recon (FIL) :

Worked on a data reconciliation project coined as 'Data Recon' which was primarily a tool developed for reconciliation of data incoming from different type of sources such as database, Excel, csv files etc. and was made platform compatible with both UNIX as well as Windows.

### 3) TCS Innovation Labs (TCS):

Have worked in R&D unit of TCS called as 'TCS Innovation Labs' as a Python Developer. Django framework was used for the automation of TCS internal processes and applications. My responsibilities comprised of Process Analysis, Development, Deployment and defect resolution.

### 4) Deutsche Bank:

Worked in the Legacy Credit Risk Management Application known as 'Paragon' of Deutsche Bank in Agile methodology. The project had two parts: one to decommission the legacy application and the other to rebuild the same in a new technology and more feasible platform. Hence, my work revolved around decommissioning modules of the legacy code after thorough impact analysis and rebuilding each module in Python by using Tkinter. My responsibility included Requirement Gathering, Design Discussion, Development, Deployment, Troubleshooting and Defect fixing.

## Other Projects →

Project Title	Description	Designation & Role
Centralized Room Automation System	Implemented at Rock In Robos Club	Team Captain-Controller Programming
Accelerometer based hand gesture robot	Under the aegis of UV SOFTS Technologies Pvt. Ltd	Team Captain-Controller Programming
FPGA Implementation of Wi-max Trans-receiver	For Cadence Design Systems.	Team Representative
Real time car accident rescue system	Under the aegis of LIS Pvt. Ltd	Team Captain-Controller Programming

### Leadership skills and Achievements →

Founder of NCR based Robotics & Embedded Systems Club 'Rock In Robos' during graduation. The Club still continues to be run by the succeeding batches across different colleges. I was felicitated with the Achiever's award from the Ghaziabad Development Authority (GDA) for the innovation work and R & D activities which I laid the foundation of.

- Member of Fidelity Training Team for Python & Django Training.
- Delivered 20+ workshops on 'IOT', 'Robotics and Embedded System', Python etc. for students of B.Tech in reputed colleges like IIT Jodhpur, IISC Bangalore, IIT Delhi, IT-BHU, ABESEC to name a few.
- Conducted sessions on 'Wireless Mobile Communication' for the Faculty Development Program of AKTU(formerly known as UPTU), Lucknow in June 2018.
- Received appreciation award from AICRA for contributing as a Jury member in the International Robotics Event Technoxian'18 held in July 2018.

### Academic Qualifications →

Education	BOARD or UNIVERSITY	SCHOOL or COLLEGE	Aggregate %	Year of Passing
B.Tech	UPTU	ABES Engineering College	75.02	2015
12 <sup>th</sup>	CBSE	Dr.Virendra Swaroop Edu. Centre	84.5	2011
10 <sup>th</sup>	CBSE	St.Annes high School	87.5	2009