# Professional Summary:

* **4+ years** of Full Stack Experience in design, development, testing and implementation of various stand-alone and enterprise application software using **Python, Django, JavaScript, JQuery, AJAX** on different domains.
* Experience in writing test cases for applications using **unittest** module
* Extensive experience in writing **serializers** and **api’s** using **Rest Framework**
* Good experience in working with various Python Integrated Development Environments like **PyCharm, Spyder, and Sublime Text.**
* Experience in automating development using **Selenium** module.
* Experience with version control systems such as Git and SVN
* Good Knowledge on **Data Structures and Algorithms**
* Expertise in **JQuery plugins** such as **datatables, fileupload**, etc and writing SQL queries.
* Experience in using Java Script plotting libraries like Plotly, Highcharts, etc., to create User Interface dashboards.

# Skills:

**Programming Languages :** Python, C++, Perl

**Databases :** PostgreSQL, SQL Server

**Operating Systems :** Windows, Unix, Linux

**Web Technologies :** HTML, CSS, JavaScript, JQuery, Ajax, bootstrap

**Frameworks** **:** MVC, Django

# Professional Experience:

### OPEN TV, CA *Jan* 2017 – Present

**Role – Full Stack Python Developer**

**Log Process Management (LPM)**

**LPM** is a web application for electronic logging of daily tasks. **LPM** goal is to electronically log tasks rather than paper. The main aim of LPM is remove difficulty of searching earlier logged tasks. **LPM** resolved this problem efficiently by providing advance search capabilities like column filtering, search by date range etc. Apart from this LPM has more features like linking current log to earlier ones, etc.

**Roles and Responsibilities:**

* Ownership of handling project from understanding requirements document and implementing new features
* Ownership of **designing Database** for the project and writing **Serializers**
* Ownership of writing **api’s** for handling requests like updating tags for log entries dynamically and accessing and filtering LPM similar to **Django** filtering on columns during querying.
* Wrote all modules in an organized and reusable fashion. Developed using **object-oriented methodologies**.
* Implemented site in a responsive way using **bootstrap** so as to work from any device.

**Environment: Python 3.5, Django 1.7+, HTML, CSS, JavaScript, PostgreSQL, JQuery, Bootstrap, Nginix server, gunicorn, Beautiful soup,Numpy, Pandas, Datatables, Anaconda, Spyder, Git, GitHub, Linux.**

### Integrated Wireless Solutions, Hyderabad Nov 2014- Dec 2015

### Role – Software Engineer

### Automated Process Monitoring

Worked on Automated Process Monitoring that encompasses the tracking of individual automated tasks, so that information on their state can be easily seen, and statistics on the performance of one or more tasks can be provided. An example of the tracking is being able to determine the state of a task (e.g. File upload) so that problems in its operation can be identified and corrected.

### Roles and Responsibilities

* Ownership of taking initiative and developing new requirements that comes in.
* Ownership of creating and customizing the controls.
* Worked on fixing issues raised by QA team and Production department.
* Involvement in writing business logic and developing UI
* Involved in writing queries and stored procedures.
* Involvement in writing test cases and Unit testing.

**Environment: Python, HTML, CSS, AJAX, JavaScript, JQuery PostgreSQL, Linux, UNIX.**

### 3dplm, Bengaluru June 2013- Nov 2014

### Role - Technical Associate

### Ad Tracking

Process Monitoring is an enterprise application which supports end to end solution to Ad design business. It’s a web based application which gives access to its customers to place their orders and allow managing their orders online. It also facilities customers to get electronic email alerts to know the status of the jobs. It gives ability to interact with their customers and keep them posted through electronic mails and also has work flow which allows their designer to work on orders submitted through job direct.

**Roles and Responsibilities**

* Finished tasks assigned on time with efficient code.
* Involved in writing unit test cases and testing the application
* Designed and developed some parts of UI
* Involved in writing parts of core logic during development.
* Involved in code review meetings

**Environment: Python 2.7, Perl, SQL Server, JQuery, Bootstrap, Nginix server, gunicorn, Git, GitHub, Linux.**

# ACADEMIC PROJECTS

**Reducing cycle times by using Simulation Modeling – Subway, Curris Student Center, MSU, Murray**

* Collected the real-time data of inter-arrival times, waiting times in the current layout of subway
* Data collected is verified by fitting into respective distributions using statistical inference (Goodness of fit tests)
* Created a discrete event simulation model using Rockwell Arena software to study the utilization of the employees and waiting time of customers. Validated the model using hypothesis testing, compared the data by the model with the real-time data.

**Engineering Information Systems – MCR**

* Analyzed the current situation by using GAP analysis, ER diagrams and NEED analysis
* Created a user interface using MS Access for the customers and operators
* Developed a backend database to maintain the availability of cars, services and records

# Education

2016 –2017 Masters

### Murray State University, Kentucky.

## 2009-2013 (Bachelor of Technology)

### BIET, India

# Other Information

* As a student worker migrated project named **Remote Controlling of Lab Experiments** from lab view to open source using technologies like python, html, CSS, java script and bootstrap
* Got rewards and recognitions at such as “**Clause for Applause”**.
* Developed a Gaming portal, maintained feedback portal, website for an event and prototype for Employee Leave Management System portal at various organizations.
* Cleared **AIEEE(All India Engineering Entrance Examination)** in **top 2% out of approximately 1 million** students.
* Head of Sponsorship Team and coordinator for an event in college.