

Sugumar Venkatesan
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Experience Summary

- Have **7+ years** of experience in both Python and Django Web Development as a **Fullstack Python Django Web / Webservice (REST) / Network Automation Developer** and also an **Amazon Alexa skill set developer**, an aws voice based services.
- Have worked in **Golang** Development related projects
- Have worked in building **Large scale ERP, Internet of Things (IOT)** and **Social Network** projects.
- Have worked in different phases of Software development like **Requirements gathering, POC, Development, Peer review** and **Unit Testing** and **Code migration**.
- Have involved in Architecture and Design discussions for new change request in projects.
- Have implemented version control mechanisms (**SVN, GIT**) and improved scheduler mechanisms.
- Strong communication, interpersonal, collaboration & team building skills.
- Organized fun activities and training sessions within the Organization.
- Have experience in deploying Django projects using **Google App Engine**.
- Pursuing **Advanced Certification in Machine Learning and Cloud** course in IIT Madras.
- Develop Application with **Agile and Devops** and **CD pipeline** ensure *Reliable Software Releases through Build, Test, and Deployment Automation*
- Self Developed Projects- Github Repository - <https://github.com/sugumarvenkatesan>

Employment Details

Company Name	Designation	Location	From	To	Duration(Months)
Tekion India Private Ltd	Senior Software Engineer	Chennai, India	Dec 2020	Until Now	4
Appviewx Private Ltd	Senior Software Engineer I – Development Stream	Chennai, India	Oct 2016	Dec 2020	51
Tringapps Research abs Pvt Ltd	Software Developer- Web	Chennai, India	Nov 2015	Oct 2016	12
Fifth Generation Technologies	Software Developer	Chennai, India	Oct 2013	Apr 2015	19(inclusive of 5 Months Internship)

External Certifications

No	Name of Institution	Diploma or Certificate	Year of Completion
1	IIT Madras – Upgrad	Advanced Certification in Machine Learning and Cloud	Pursuing (Dec 2019 to Sep 2020)
2	Data Prompt Interanational	Basics of Python, Hadoop/ BigData	2013

Technical Skills

Category	Name
OS	Linux – Ubuntu, CentOS, Windows
Programming Language	Python, Golang
Web Framework	Django, Flask
Front End	Javascript/ JQuery/ Ajax/ CSS/Bootstrap
Web Service	Django-tastypie, RestFramework, Google Cloud Endpoints
Database	MySQL, MongoDB, Google Datastore
Google Cloud Service	Google App Engine, Google Cloud Storage
Network & ITSM Automation	ADC,FW,Switch,Routers Servicenow / Remedy/ CA Servicedesk,
AWS Services	Alexa, Lambda
Devops	JIRA, Ansible, Confluence, Docker
BigData	Pyspark

Roles And Responsibilities:

As a **FullStack developer**, here are the role and responsibilities of mine across all projects / products worked

- Involving in the business walkthrough for understanding the exact requirements of the project / product.
- Discussion with the delivery team on the release alignment of the project / product.
- Preparation of the architecture of data schema as per requirement
- Development of change request (or) feature of the product along with UI.
- Unit testing and delivery of code to the testing team with a technical walkthrough.
- Production packaging and implementation support for the project release.
- Preparation of mapping and technical documents.
- Fixation of production issues.

Project Profile

Project Details – I

Project Title	Task Management, Dealership Onboarding & Management
Duration	Dec 2020 – Until now
Organization	Tekion India Private Ltd.

Project Description

Tekion Automation Platform (TAP) is an automation portal for digitalize the entire dealership onboarding and task management process. It's developed using Golang and its API based

Project Details – II

Project Title	Network (ADC,Firewall,Switch,Routers etc.,) Automation Provisioning with Change Management (Remedy,ServiceNow,CA ServiceDesk)
Duration	Oct 2016 – Until now
Organization	Appviewx Private Ltd.

Project Description

Appviewx Visual Workflow (automation controller) is the part of AppviewX where the Automation are achieved through Django Framework with providing on demand python scripts development. Dynamic form building also becomes the part of workflow where the user can build their own data form with the provided field types.

Appviewx Visual Workflow have the template system by which all the business logic regarding Pre-, Rollback and Post-validation configurations are achieved through self-service python scrips. The user validation, Implementation could be able to create the request out of template and workflow will be dedicated to template for the approval and Change process/validation along with Remedy/ServiceNow/CA ServiceDesk ITSM Integration.

Worked with Various top Financial, Investment, Firms with huge infra to manage, maintain and automate the day to day process includes Device Provisioning, Golden Config, Config Management (CRUD),Risk and Compliance Reporting, Integration with external tools like Confluence, Rundeck with DevOps Practice. Rest to Soap Convertor

Libraries Developed Out of Project to Promote/Consume It – ADHOC Service:

Rest to Soap Convertor	Middleware Service Layer in Django to Consume SOAP via equivalent Dynamic On-demand Rest Interface
Organization	Appviewx Private Ltd.

Description

RSC is the dynamic web-service Interface by which any means of soap endpoints could be accessed via respective REST endpoint. For certain clients, we achieved the change management automation with the help of Rest to Soap Convertor.

Rest to Soap Convertor is the webservice developed in Django for the purpose of Change Management Automation in AppViewX. Change Mangement Automation is achieved via creating the ITSM ticket and implementing the change based upon the specific status of ITSM ticket through AppViewX.

F5 ADC Abstractor	An ODM for the Managed F5 Objects – Recognized as Innovative Idea.
Organization	Appviewx Private Ltd.

Description

AppViewX ADC+ is a multi-vendor ADC management solution that serves as an orchestration platform for application delivery networking. It provides centralized management, role-based access control, self-service templates, automated workflows, application-centric visibility and monitoring, and other capabilities to support ADC infrastructures across data centers.

F5 ADC Abstractor is a python package which acts as a ODM for the CRUD of the F5 objects. The package was integrated with the AppViewX to achieve the ADC Automation. It was recognised as one of the innovative solution to be act as the interface of the product.

CI TOOL	A middleware layer for AppViewx Workflow SCM
Organization	Appviewx Private Ltd.

Description

AppViewX Workflow utilize the custom pre-processor out of python native syntax, CI tool allows to do SCM for the workflow by translating them on CI/CD pipeline.

Project Details – II

Project Title	Star and Coins
Duration	Nov 2013 – Apr 2015
Organization	Fifth Generation Technologies

Project Description

Star and Coins is a ERP application which provides the entire details about the Resources, Projects, Clients of the firm. The application form the basis for the firm in their day-to-day Operations. The application has two main module **OITS**(Order Intimation Tracking System) and **RATS**(Resource Allocation Tracking System).

In addition to that, the application has additional module such as **Security, Master, Alerts, Timesheet** and **Input Invoice sheet**.

The application also provides the user to extract the different types of report such as **Timesheet Report, Project wise Report, Client wise Report** and **Organisation wise Report**.

Project Details – III

Project Title	Mindshare
Duration	Nov 2013 – Apr 2015
Organization	Fifth Generation Technologies

Project Description

Mindshare is an internal project which deals with **Project Management and Leave Management, Task**

Management Application.

The application helps in tracking the recorded information of the essential firm activities.

The application generates a report on the weekly basis which prescribes about the user's working hours, tasks, project assigned so that the management can be able to easily track the information about their employee's contribution towards the organisation.

The application also has **Calendar Management** where the organisation can assign the holidays, public holidays, events, meetings on the particular date.

Project Details – IV

Project Title	Jade Events(Api based (https://Flydubai.jadepayments.com)
Duration	Jun 2015 – present [MBA Final Year Project]
Organization	Sunshare Investments Pvt Ltd

Project Description

Jade Events is a **event management portal** in which the event organiser can enter their program which was interlinked with event, area, gate, device. The device used are, NFC devices in the form of wristband or cards by which the customer details can be traced.

The place where the **events are to happen is called outlet** and the **laptop/pc's used for capturing the data are termed as terminals**. Each outlet and terminal forms the base of Jade events.

The **customer's** are **identified** by their **assigned cards**, which was done by agent. The customer's can be able to do load,unload and transfer funds with the help of their cards. The customer's access across the event was also been traced.

The customer can be able to signup with their valid details and it would be verified before providing authentication. Every process was verified and approved/rejected via **maker checker** concept.

Project Details - V

Project Title	Jobiyo(http://jobiyo.in/)
Duration	Dec 2016 – Jan 2016
Organization	Tringapps Research Labs Pvt Ltd

Project Description

Jobiyo is a **Job management portal** in which the user can login through their social network credentials and can search/apply for their jobs. As a sole developer, I developed the api for social login, apply and search jobs, resume upload, share jobs etc., where the media storage was done using GCS Blobstore.

Project Details – VI

Project Title	Obox(IOT product)
Duration	Feb 2016 – Until now
Organization	Tringapps Research Labs Pvt Ltd

Project Description

Obox is an **Home Automation IOT Product** by which the user can able to control their devices with the web interface. The devices were controlled via **Zwave protocol**. Each Obox is a gateway by which the user can connect/add the same to their account by mentioning the unique id of it and able to control the operation on deivces along with their values.

Project Details – VII

Project Title	Quikshare(https://quikshare.com)
Duration	Jun 2016 – Until now
Organization	Tringapps Research Labs Pvt Ltd

Project Description

Quikshare is a **Content Network** that is Social and a Social Network with a Purpose. Quikshare as the name suggests the user can be able to create (or) share his thoughts,books,etc., to the world. It become's the single point entry for accessing all the feeds, books, thoughts about the user interest. Thus, it's a collaborative content sharing network.

Education

Master Degree	Pursuing Masters of Business Administration in Finance from Anna University, Chennai, India
Bachelor Degree	76% - Bachelor of Engineering in Electronics and Instrumentation from RMD Engineering College, Gummidipoondi, India
Higher Secondary (XII)	91.9% - Sri Venkatesware Matriculation Higher Secondary School, Thiruvallur, India
Matriculation (X)	88.09% - Sri Venkateswara Matriculation Higher Secondary School, Thiruvallur, India

Personal Details:

Name : Sugumar V
Father Name : Venkatesan G
Sex : Male
DOB : 05-Jul-1992
Religion : Hindu
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Age : 27 years