



# ***RESUME***

**Name:** Illayaraja

**Designation:** Web Developer

**Highlights:** Odoo, Python,

NodeJS, React Native



## Senior Software Engineer - Ilayaraja Angamuthu

### Professional Summary:

Senior Software Engineer with 12+ years of experience. Requirement Analysis, System Architecture and Design, Solution Discovery, DB Design and Modeling, Programming and Debugging, Unit Testing and Quality Control, Troubleshooting and Debugging, Code Quality and Standard, Deployment and Hosting / DevOps, Version Control, Cloud Solutions, Team Handling and Mentoring, Documentation and UML Design, Communication and Collaboration

### Core Competencies:

Programming Languages	Python, C/C++, SQL, Embedded C, Java, Node JS, React Native, Php
OpenERP:	Odoo8-till 13
Frameworks	Django, Flask, Pyramid
UI Technologies	JQuery, JSON, AJAX, Bootstrap, HTML5, SCSS, CSS
Web/Application Servers	Apache IIS7, Nginx
Database	MySQL, MongoDB, PostgreSQL, SQLite
Other Tools and Techs	AWS EC2, AWS S3, AWS Lambda, AWS API Gateway, AWS EBS, SMTP, Azure (Microsoft cloud), UNIX Shell Scripts, Docker
Testing Frameworks and libraries	PY unit, Unittest, Scrapy, BeautifulSoup
Version Control Tools	SVN, GIT
Operating Systems	Ubuntu 14.04, 16.04, Windows, Linux, Mac, CentOS
IDEs	Visual Studio Code, Sublime, PYCHARM, NetBeans

### Professional Experience:

Galaxy Infotech as Senior Lead Software Engineer

from January, 2009 to till date

### **Roles & Responsibilities**

- Analysis, Design, Development, Management, and Implementation of various standalone and client-server architecture based enterprise application software.
- Implemented several REST-SOAP Web services and well versed with Python Frameworks like Django, Flask, Django Channels, Django rest, CherryPy, web2py with database experience of MongoDB, MySQL, PostgreSQL.



## Projects Handled:

### 1. SKP Accounting Software

**Technologies :** Python, Odoo11, QWeb

**Description :** An ERP based Accounting Software for Export Industry with capabilities of Managing

#### **Roles & Responsibilities**

- Leads
- Sample
- Sales
- Packing List
- Purchasing
- Warehouse
- Accounting and
- Complete salary management of daily and monthly wages
- Calculation of salary from Punch Machine and Inventory management of all stores.

### 2. Teenlife

**Technologies :** Python, Django framework, Mysql, Nginx server, Aws EC2, Memcached and Redis, Salesforce (CRM), Boto for AWS cloud search, Stripe

**Description :** TeenLife provides the web's most comprehensive directory of STEM, gap year, pre-college, overnight summer, and community service programs for students in grades 7-12. Their print and online content helps teens, parents, and educators make strong enrichment-program decisions. TeenLife makes it simple for teens (along with their parents and educators) to develop a meaningful personal experience portfolio, no matter the makeup of their individual interests, talents, and resource

#### **Roles & Responsibilities**

- Worked to create organization with free and paid subscription
- Implement different subscription modules with stripe payment gateway
- Keep the records of subscription purchase by parents
- Worked on programs creation and listing for teens
- Implement search functionality in teens programs
- Integrate CRM for organization to manage its clients
- Implement referral systems
- Implementation of Newsletter and Promotions

### 3. LottoLishus

**Technologies :** Python, Django framework, PostgreSQL, Heroku, Disqus, Memcached, Celery, Authorize.net

**Description :** LottoLishus allows to play the big US lottery games online, from anywhere in the world



### **Roles & Responsibilities:**

- Analysis, code, Unit testing and implementation of functionality.
- Implement commenting system using Disqus commenting and discussion
- Worked on invite friends and family to join lottery pool numbers
- Worked on lottery number management which includes play tickets, mega millions draws, Powerball draws
- Lottery pooling implementation with number of spins
- Messages system from LottoLishus which tell when you will win
- Implement subscription modules with Authorize.net payment gateway

### **4. PartMiner**

**Technologies :** Python, Flask, PostgreSQL, AWS EBS

**Description :** PartMiner Industries is a global provider of NSN parts. Whether you're a member of the military, a buyer for the aerospace, defense, aviation, MRO or electronics industry, a contractor, or small business. PartMiner database consists of millions of parts covering the needs of many industries: all branches of the military - domestic and foreign, aerospace, contract manufacturers, OEM's and small businesses. The customer fills the form and requests a quote.

### **Roles & Responsibilities:**

Analysis, code, Unit testing and implementation of functionality

### **5. DSM**

**Technologies :** Python, Flask, MYSQL, PHP

**Description :** DSM is an excel based application, it is an automated application for banking loan sectors

### **Roles & Responsibilities:**

- Code Analysis
- Unit testing and implementation of functionality.
- Database Architect

### **6. HEC**

**Technologies :** Python, Flask, MYSQL, PHP

**Description :** DSM is an excel based application, it is an automated application for banking loan sectors

### **Roles & Responsibilities:**

- Code Analysis
- Unit testing and implementation of functionality.
- Database Architect

### **Education:**

BSc from MKU