

RESUME

MOHAN RAJ S P

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Summary

- A result oriented professional with **3.8 years** of experience in **Accenture Solutions Private Limited**.
- Handling **Python Web development with Flask, Django framework** including design & troubleshooting of applications, conducting analysis including validation of needs in conjunction with Business Analysis teams.
- Track record by following the **Agile methodology** defined under the process framework.
- Skilled team member with proven ability to motivate team to maximize productivity.

Education

B.E – Mechatronics Engineering
CGPA: 8.46
Graduated May 2016

Kumaraguru College of Technology,
Coimbatore, Tamil Nadu

Higher Secondary (XII)
Aggregate Percentage: 94%
Graduated April 2012

SKV Matriculation Higher Secondary School
Namakkal, Tamil Nadu

High School (X)
Aggregate Percentage: 91.2%
Graduated March 2010

Vairams Matriculation Higher Secondary School,
Pudukkottai, Tamil Nadu

Professional Skills

Technology	Python 3, Flask, Django, SQLAlchemy, Marshmallow
Authentication	AWS Secrets Manager, JWT-Extended, OAuth
Database	MySQL
Cloud	Amazon Web Service
Front End	Basics of HTML, CSS, Bootstrap

Certification

AWS Associate Solution Architect – 2018 (Validation Number: NQBVF781KEEQ11CR)

Employment History

Application Development Senior Analyst

3+ Years

Accenture Solutions Private Limited, Bengaluru, Karnataka

May 2016 – Present

Project: Integrated Control Plane (ICP)

Overview

ICP provides a common platform that integrates multiple tools and provides Intelligence that helps in solving issues effectively with respect to time for L2 engineers, DevOps, System Administrators in Cloud platform.

Key area of expertise

- Development and Implementation of Microservices in FLASK
- Development and integration of Private libraries with APIs
- Authentication of Microservices with AWS Secrets Manager
- Containerization and Upgradation of APIs to production grade scalable services using Green unicorn with Nginx in Docker
- Application Authorization and Authentication enablement using flask_jwt_extended (JWT)
- Third party Authentication using flask_oauthlib (OAuth 2.0) library
- Swagger Documentation of microservices using flask_restplus library
- Unit Testing of Microservices using unittest library
- Preparation of Technical documentation on workflow of the Microservice with added Endpoint elaboration
- Development of Python Script that automates data feeding into various tables on relationship using Pandas library
- Development of Python Script that automates data extraction from Linux Remote Machine using Paramiko library

Project: Command Center-Automation/Development

Overview

Command Center is a common platform that integrates three different business divisions of a reputed Petroleum Industry. Command center-Automation team takes the responsibility of Web platform development, Automation of monitoring and ticketing functionalities.

Key area of expertise

- Development and Implementation of backend functionalities using Django, Django Rest Framework
- Automation of Level 1 monitoring task using Cognitive Robotic Process Automation (CRPA)
- Automation of Report generation using Excel Macros.

Accolades

- Client Appreciation Award for Automation – 2018
- Best Project Award (Mechatronics Department) – 2016
- National Level Autodesk Design Competition winner - 2015