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Satyam Soni

SUMMARY

Computer Science Graduate with an excellent leadership, analytical, problem-solving, management and communication skills. A skilled Techie with hands-on multiple technologies/programming languages with an experience of almost 4 years. Keenly focused on achieving better results by providing optimised and cost-efficient solutions to the client using leading technologies and paradigms.

Notice: 60 Days

CERTIFICATION

- Design Patterns in Python (UC-e6d8ea44-14f3-4dde-b65f-20bcf00d5319)
- Microsoft Technology Associate: Python Fundamentals (H159-6289)
- Front End Javascript Framework: Angular (RWUB2G8B6CAU)
- Python Data Structures (FSTTKYMVQXDA)
- Data Analysis using Pandas and Python (UC-IPQEU6W6)
- MTA: Database Fundamentals(Microsoft)

TECHNOLOGIES/TOOLS

Primary

- Database   : MySQL, Oracle, MongoDB
- Languages   : Python, Golang, Shell Scripting, HTML5, CSS3, Javascript (ES5, ES6), YAML, TypeScript
- Frameworks   : AsyncIO, Django Rest Framework, Django, Flask, Pyspark, Scipy, JQuery, Angular, ReactJS, Numpy, Pandas, Scikit-learn, Angular, SASS, Vue.js, GRPC
- Tools   : Docker, Kubernetes, Jupyter Lab, NPM, WebPack, ElasticSearch, Redis, Swagger, Gunicorn
- Libraries   : CrossFilter, Rxjs
- Versioning Tools   : GIT, BitBucket

Secondary

- Database   : SQL Server (2012) , SQLlite3, Sybase (15)
- Languages   : Perl, Java, Go
- Data Feeds Provider   : Bloomberg Data license, Bloomberg API, JP Morgan GUI, Thomson Reuters API
- Scheduling Tools   : Autosys, ACCE
- Reporting Tools   : Sharepoint, Confluence, JIRA
- Operating Systems   : Windows, Linux (Ubuntu 14.04, RHEL), Unix, Mac
- Others   : Splunk, MS office, Agile Methodology, Data Warehousing

EDUCATION

2012 - 2016	Bachelor of Engineering, (Computer Science and Technology) Chamelidevi School of Engineering, Indore
2011-2012	Diploma in Radio Operations and Management, Academy of Broadcasting, Bhopal
2010-2011	Senior Secondary, Vindhyachal Academy, Dewas

PROJECTS

Service Availability Dashboard	Python, Django and Angular based DevOps Services Live status Monitoring Dashboard providing features like JIRA ticket creation, one click service restart, planned downtime, trajectory information etc. Auto Jira Resolver is Golang based micro service for resolving JIRA tickets and exposing websockets to notify clients.
Suppression Utility & Task Runner Microservice	Python, Django based utility interfacing mongoDB cluster for suppressing Splunk Monitoring Alerts during downtime and tracking user activities. Task Runner is Asyncio and ThreadPool based Micro-service for executing scheduled suppressions and notifying users with execution status. It facilitates user to schedule suppression for future dates.
Deployment Dashboard & Deployer Micro-service	Python, Django & Angular based Dashboard for Automating various service agent deployments on servers. Deployer is Python based Micro-service using Asyncio and Paramiko under the hood for executing the scheduled deployments remotely by Dashboard.
Appd Data Fetch Microservice	Python based threaded light weight Micro-service for pulling data from AppDynamic and dumping into existing Mongo Cluster for consumption in Splunk API's. Service implements mix of iterator, Template and Strategy design Patterns providing factories for instantiation.
Service AuthValidator & User Execution Time Tracker	Python , Selenium and Async Subprocess based Auth Validator to check for Service Authentication and response time for improving user experiences. Validator was build considering generic service tracking and is highly configurable, passing config file by user providing easy interface.
Synthetic Test Data Generator	Python Scikit Learn and Pandas based Synthetic test data generation tool for generating test data sets from given sample test data. Utility uses ML algorithm (**SMOTE**) under the hood for generating test data points as per user requirements.
WebPy Test Framework	Python and Selenium based Web Framework for testing Web Applications. It replicates Java JUnit framework using Unittest as base framework.
Meta Fetcher	Python and SQLAlchemy based framework for fetching Database and Schema metadata to service synthetic data based on database and table schema.
Comparator	Python based comparison utility for facilitating comparison amongst different sources like files, FTP, tables, urls etc.

PROFESSIONAL EXPERIENCE

HSBC Software Development (India) Pvt. Ltd.   Jan 2020 - Till Date
Senior Software Engineer
Domain: Finance, R&D

HSBC is one of the world's largest banking and financial services organisations serving more than 40 million customers through their global businesses: Wealth and Personal Banking, Commercial Banking, and Global Banking and Markets.

- Responsible to Design software development specifications as per requirements.
- Responsible to design, develop and deploy solutions catering business requirements
- Responsible to create Python and Golang based generic frameworks and libraries to be consumed by the teams down the line.
- Responsible for setting up new tools for the centralised DevOps tooling team and knowledge sharing.
- Responsible for development for generic interfaces for intercommunication of existing services using best of design patterns.
- Responsible to containerising new and existing services for scalable deployment to Kubernetes clusters.
- Responsible to ensure, code is maintainable, scalable , supportable and demo the software products to stakeholders.
- Responsible for reviewing/debugging code, providing fixes and workarounds, and reviewing changes for operability to maintain existing software solutions.
- Responsible for grooming the team with new trends and technologies.

Infosys Ltd   Jan 2019 - Dec 2019
Associate Consultant
Domain: Investment Banking, Finance

Infosys, a global leader in technology services & consulting, helps clients in more than 50 countries to create & execute digital transformation strategies

- Responsible for design, develop, modify, debug and/or maintain software code according to functional, non-functional and technical design specifications.
- To ensure code is maintainable, scalable , supportable and demo the software products to stakeholders.
- Responsible for reviewing/debugging code, providing fixes and workarounds, and reviewing changes for operability to maintain existing software solutions.
- Responsible to design Data Analytics, Machine Learning and ETL solutions using Python Libraries / Frameworks like Scipy, Pandas, Pyspark, Numpy etc. (Data Comparators , Subsetters etc.)
- Responsible to set up new Rest API's (Django, Flask, express JS) to cater client requirements.
- Responsible to write Full Fledged Testing frameworks (Python) for automating the manual test scenarios.
- Responsible to develop UI components for managing the Rest and Testing Frameworks for dashboard purposes using Angular and ReactJS.
- Team management for timely sprint delivery and fulfilling sprint commitments.

Amdocs Development Centre India LLP   August 2018- Jan 2019
Front End Developer
Domain: Telecom

Amdocs is Product Oriented gaint, catering diversified portfolio of clients across multiple countries to provide full-fledged telecom solutions.

- Responsible for design, develop, modify, debug and/or maintain software code according to functional, non-functional and technical design specifications.
- To ensure code is maintainable, scalable , supportable and demo the software products to stakeholders
- Responsible for reviewing/debugging code, providing fixes and workarounds, and reviewing changes for operability to maintain existing software solutions.
- Responsible to develop the REST as per client requirements for the CORE team using Spring Boot (JAVA).
- Responsible to develop modular widgets using React and Redux.
- Responsible for writing headless Test cases for existing API's using Chai and Mocha.

LiveHealth Solutions Pvt Ltd.   May 2018- July 2018
Full Stack Developer
Domain: HealthCare

Livehealth is Product Development firm, catering diversified portfolio of clients across multiple countries to provide full-fledged healthcare solutions.

- Responsible for writing **Webpack** configuration for rendering the required components.
- Responsible for creating generic python framework for **International Payment Gateway Integration**.
- Responsible to write **ElasticSearch** queries for client interfacing with the product.
- Responsible to migrate vanilla Javascript code to Responsible to migrate vanilla Javascript code to **React JS**.
- Responsible for design and architecture of functional prototypes and production-ready systems.
- Responsible for creating views using open source frameworks as Django Rest Framework, Flask.
- Responsible to develop Python and JavaScript code to meet client requirements.
- Python development to support middleware for REST API.
- Communicate technical concepts with trade-offs, risks, and benefits.
- Evaluate and resolve product related issues.

Gemini Solutions Pvt Ltd.   Jul 2016- Apr 2018
ETL DevOps Developer
Domain: Finance/Banking

Gemini Solutions is an IT Consulting and Product Development firm, catering diversified portfolio of clients across sectors such as banking & financial services, retail, healthcare, and government sector.

- Responsible to setup, enhance, maintain processes and creating data flow models in ETL space using technologies like Python, Perl, Informatica and Shell scripting for worlds largest investment firm **PIMCO**
- Data validation reports and checks across large data sets (performance tuning)
- Data Extraction, Transformation, and loading from various sources like E-mail, FTP, Bloomberg etc
- Manual task automation such as Data backfilling, Data Scraping (Websites) etc
- Creating Frameworks to fetch data from various data vendors such as Bloomberg, Wells Fargo etc
- Alert set up on various DevOps (Operations) tools like Splunk, Solarwinds etc for performance/process tracking

DECLARATION

I hereby declare that the above-mentioned information is true to the best of my knowledge and belief.

Place: Pune
Date: 15-01-2021