Software Developer with an overall 13+ years of exponential experience predominantly in fortune 100 companies.

* Extensive development experience in Restful web-services using Python/Django, Node.js in a fast-paced Agile delivery model.
* Active participation in all the software development lifecycle stages including design, development, testing, deployment and Implementation support.
* Extensive development experience in ETL processing application development, with async service calls using asyncio + aiohttp library
* Implemented the Multiprocessing and Multithreading to process for 100K to 2M transactions from file and DB.
* Deep knowledge of relational and non-relational databases and Created Sql operation to retrieve the records from Postgres DB and generated the threshold report.
* Hands-on experience in the following technologies/Databases - Eclipse, Apache Framework, Oracle, MySQL, MongoDB, XML, CSS, JSON, HTML, DHTML, JavaScript and jQuery.
* Experience in Architecture scalable platforms, object-oriented programming, database design, and SDLC(Agile) methodologies.
* Hands on experience in serverless computing Lambda.
* Good exposure using the Control-M to manage the ETL process.
* Hands-on experience in performing installation, implementation, customization, operation, recovery and performance tuning and RHEL Environment.
* Hands-on experience in defect triage and root cause analysis, performance scaling and on-call support.
* Exposure to project management activities like scrum ceremonies, senior management reporting, delivery reports, mentoring and training resources.
* Hands on experience to use Jenkins, uDeploy, Docker and OpenShift for CI/CD management.
* Experience in AWS EC2, S3, IAM, SNS, SQS, API Services, API Gateway.
* Experience in using boto3 in lambda functions to connect the S3, DynamoDB, SQS operations integrated with AWS REST API services.
* Experience in MemCache, PyUnit, PyTest, Git, Rally, JIRA, POSTMAN, TDD Development.
* Ability to learn and adapt quickly to emerging new technologies and showcased documented feedback and results.
* Hands on experience in SQLAlchemy, NumPy, Pandas, GraphQL, PySpark, Jupyter.
* Experience in supporting Design, code analysis, refactoring, bug fix, defect triage, and L3 support.
* Responsible for peer code reviews, bug fixes, L3 support, and UAT testing.
* Practising the DevOPS(CKA, Jenkins, Terraform,Docker and AWS)

**TECHNICAL SKILLS:**

**Languages :** Python 2.7/3.7, PySpark, Node.js(Express.js), PHP, JavaScript, React, Redux

**Frameworks :** Django (ORM), Node.js

**Web Technologies :** HTML, CSS, XML, JSON, JavaScript, React

**Versioning Tools :** GitHub

**Web servers :** Apache, Zope

**Databases :** MySQL, Oracle, No-Sql (MongoDB), Postgres

**Operating systems :** Linux/Unix, Windows Variants

**Automation Tools** : Jenkins, uDeploy, OpenShift, Docker, HaProxy, Ansible, Containerization, Kubernetes, Swagger, AWS.

**Notebook** : Jupyter

**Certification:**

Scrum Alliance Certified Scrum Master

**RedHat Workshop Sessions:**

**D0180** – Introduction to Containers, Kubernetes, and Red Hat OpenShift

**JB283** –Red Hat Application Development II: Implementing Microservices Architecture

**Self Paced Training and Courses:**

**Udemy** AWS Certified Developer Associate, Certified Kubernetes Administrator (CKA)

**Educational Qualifications:**

* Master of Science (Computer Science) 2005 - 2007.
* Bachelor of Science (Computer Science) 2002 - 2005.

**PROFESSIONAL EXPERIENCE:**

**Employer: IRIS Software India Pvt Ltd Oct-05-2020 – till date**

**Client: Citigroup**

**Role: Assistance Manager - Technology**

**QFC NLP Stay Rule:**

QFC (Qualified Financial Contracts) NLP Stay rule app will determine whether the given document is complaint or non-complaint based on the rules.

**Responsibilities:**

* Create, review the business, functional and technical design specifications for processing documents**.**
* Implemented Multiprocessing to process more API request and improved system performance more than 40%.
* ASPOSE OCR library used to convert the PDF to Text.
* Using Pandas library to save the extracted the context from the text and created MNLI file to predict the score.
* XLNET spiece model used to predict the score based on the QFC Rule.
* Documenting Process flows, hotfixes and deployment steps.
* Peer review, mentoring new team members, unit test case creation.

Skills: Python, Pandas, Numpy, XlNet

**Employer: Skiltrek LLC, Jacksonville, FL Dec-09-2019 – Oct-12-2020**

**Client: Florida Blue**

**Role: Sr Python Developer**

**PPX BEP Description:**

PPX (Payment Processing Experience) BEP is a backend team designed to manage the payments and processing through the ETL process controlled through Control-M application on scheduled time based on the business requirements.

**Responsibilities:**

* Created python ETL application to process the Files.
* Implemented the Multiprocessing to process for 100K to 2M transactions from file to insert into DB, also export from DB and improved system performance more than 40%.
* Implemented Python Asynchronous service calls using asyncio library and improved system performance more than 30%.
* Created Sql operation to retrieve the records from Postgres DB and generated the threshold report through ETL Processor.
* Created Control-m setup to run the Python Batch file at specific time.
* Documenting Process flows, hotfix deployment steps.
* Peer review, mentoring new team members, unit test case creation and executed using pytest Library.
* QA test case evaluation.
* Good exposure in defect triage and root cause analysis of the defects, performance scaling and on-call support.

**Employer: Cognizant Technology Solutions, Windsor, CT. Apr-14-2014 – Dec-09-2019**

**Client: Cigna**

**Role: Technology Lead - Python**

**myCigna Description:**

App is designed to manage the customer account details through a mobile app instead of using a web portal. Customers will be able to view the application features (id cards, accounts, claims, prescriptions and more) based on the eligibility after logging in.

**Responsibilities:**

* Create, review and approve business, functional and technical design specifications for transaction processing applications
* Mentor and support other members of the team (both on-shore and off-shore) to assist in completing tasks and meet objectives
* Create and develop system applications utilizing standard concepts, practices and procedures
* Work closely with other groups like product, business analyst, quality assurance, and project management resources throughout delivery of solutions
* Provide weekly status reports and time accounting
* Monitor upcoming new development activity for potential impact to overall environment
* Implemented Cache mechanism using Memcache and Oracle and improved system performance more than 40%.
* Experience in AWS EC2, S3, IAM, SNS, SQS, API Services, API Gateway.
* Experience in using boto3 in lambda functions to connect the S3, DynamoDB, SQS operations integrated with AWS REST API services.
* implemented JWT and OAuth token in Microservices.
* Using Python, Shell scripting to automate some of the menial tasks. Interfacing with supervisors, architects, systems administrators, and production to ensure production deadlines are met.
* Created views and templates with Python and Django view controller to create a user-friendly website interface.
* Developed entire backend modules using Python/Django with ORM to handle the Oracle DB interactions, improved system performance more than 30%.
* Used Javascript ajax calls for transmitting JSON data objects between frontend and controllers.
* Good exposure in defect triage and root cause analysis of the defects, performance scaling and on-call support.
* Hands-on experience to use Jenkins, uDeploy, Docker and OpenShift for CI/CD deployments.
* Docker containers are created using Ansible scripts for production deployments.
* Created Restful API’s to handle the mobile/web application request/response based on the customer interaction.
* Created base Node.JS project and using that developed more than 15 microservices integrated with mongoDB and deployed in Openshift Cloud Environment.
* Created the CI/CD process to deploy the microservices in OpenShift Cloud.
* Hands on experience in SQLAlchemy, NumPy, Pandas, GraphQL, PySpark, Jupyter
* Expertized in serverless computing Lambda

**Employer: Cognizant Technology Solutions, Chennai, India. Dec-12-2012 – Apr-13-2014**

**Client: Wellpoint**

**Role: Sr Developer Mobility**

**HIX iOLS Description:**

This app is designed to view selected plans offered in a particular service area. User to determine estimated monthly subsidy, silver cost share subsidy, and Medicare eligibility based on their demographics and other information. Customers have to contact an agent or register for a call me back option, also able to change language from English to Spanish.

**Responsibilities:**

* As a Sr.developer to design, develop, test and release the Kony application of HIX iOLS(online shopping).
* Extensive experience in JavaScript, HTML, CSS, jQuery, JSON, and cross-platform build for developing applications.
* Handled widgets such as Segment, Vbox, Hbox, and Widgets APIs, Internationalization, i18n Usage, and Application Event APIs.
* Involved in the development of Web Services using SOAPUI for request and response.
* Handled pre-processor and post-processor requests/responses in JAVA/middleware.
* Performed troubleshooting, bug fixes, and implementation support

**Environment:** JavaScript, Java, KonyOne Studio, HTML, CSS, AJAX, XML, SOAP, Jira, Agile.

**Employer: Fulcrum Worldwide Software Pvt. Ltd, Pune, India. May-21-2012 – Nov-09-2012**

**Role: Sr Software Engineer**

**BC Six Description:**

BC Six makes it easy for project teams to collaborate, manage documents and control project information, through a secure and fully auditable platform. It is easy to use, store, find and share documents and information. We will ensure the workflow processes, standardized procedures, traceability, accountability and safe access anywhere.

**Responsibilities:**

* Requirement Analysis and Estimation of project timelines.
* Developed Python batch processors to consume and produce various feeds.
* Generated PDF daily and Monthly statements using Report-Lab PDF Kit.
* Developed internal auxiliary web apps using Python Django framework with CSS / HTML framework.
* Implemented Test Driven Development (TDD) strategy for the project.
* Coordinate with SMEs, other architects, and senior technical staff to identify a client’s needs, document assumptions, and build-out new requirements and move code through user acceptance testing.

**Environment:** Python, HTML, CSS, SQL, MYSQL and Windows.

**Employer: CashLink Global Systems Pvt Ltd, Chennai, India. Dec-07-2007 – May-20-2012**

**Role: Sr Software Engineer**

**ATM EJ Pulling Description:**

ATM EJ Pulling server is meant to perform the electronic journal file download from ATM. Each transaction done by the customer will be stored in the electronic journal, which is part of the ATM application software. Using the Electronic journal, the bank will be able to resolve the disputes/issues raised by the customer who had initiated the transaction.

**EOD Handler Description:**

EOD handler is a module, which is used to take the back-up of operational data to a warehouse database without affecting the live operations. EOD Handler ensures that the data dump has moved to External Device, and data has been moved to the corresponding warehouse database table. After moving the data to the warehouse database table, the standard reports are generated based on the user requested date.

**StarCAS Description:**

StarCAS is a Control Access System for EFT switch. StarCAS can monitor delivery channels like ATM, HOST, and Kiosk that are incorporated with the EFT-Electronic Fund Transfer Switch. It has value added product components like Teller and Recon. It allows the switch to be started from the front end and perform activities like starting and stopping ATM, etc. Reports can be generated for various switch transactions. StarCAS Report allows users to configure the report according to their need.

**Responsibilities:**

* As a Team lead to maintain the three application and requirement analysis and estimation of project timelines.
* Application deployment in client location and support activities.
* To produce the unit test and link test plans.
* Generated PDF report daily/weekly and Monthly statements using Report-lab.
* Implemented a Test-Driven Development (TDD) strategy for the project.
* Code Reviews, Test Reviews, and status meetings.
* Produce system and architecture documentation, Integration testing.

**Environment:** Python, Zope, HTML, DTML, CSS, Oracle and Windows.