

JESSICA CLAIRE

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SUMMARY

Full Stack Python Developer with 5+ years of outstanding track record in diverse domain, developing and implementing various web-based solutions. Effective team player with the important ability to function well both independently and in fast based business environments aiming to leverage the proven and expanding knowledge to stimulate the growth of our company with upcoming challenges.

SKILLS

- Django Framework
- REST APIs
- Cloud – AWS EC2/ S3 / Lambda
- GitHub / Agile
- Docker / Kubernetes
- Python3, HTML, Typescript, CSS, JavaScript
- PyCharm, VS Code, GitHub Desktop
- SQL, MYSQL, MongoDB
- Jira, GitHub

EXPERIENCE

06/2021 to Current Full Stack Python Developer

Jpmorgan Chase & Co. – Port Saint Lucie, FL

- Coordinated with the System Engineer and the Product Owner on business requirements. Involved in interaction with clients and end users for creating user specifications.
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- Responsible for designing and developing REST APIs Architecture involving Python 3.0 and Django Microservices in Front End
- Worked on all stages of full life cycle of web development in fast-paced environment
- Project includes high priority and tight deadlines
- Involved in creating Tech Design for new features, wire framing and implementing it to a quality solution using HTML, CSS, Django Framework, SQL Server, Repository Design Pattern, Python utilizing SOLID Object-Oriented principles
- Responsible for writing Unit Test and for integration testing
- Involved and participated in Tech Design, Code Reviews, Sprint Planning, Sprint Grooming and Sprint Retrospect Meeting
- Heavily involved in working toward clearing tech debts during sprint pause
- Team Player with good communication skills
- Key Projects:
- Fleet Maintenance System
- Technologies:
- Python: Django, Django Rest Framework, Batch Ingestion
- Cloud: AWS- S3 Bucket, EC2, Lambda
- Front End: HTML, CSS
- ORM/Tools: Django Framework

01/2018 to 02/2020 Python Developer

Novogradac & Co. Llp – Walnut Creek, CA

- Responsible for Requirements Gathering, Conceptual Design, Analysis, and design, Development and System Testing using Agile Methodology
- Developed entire frontend and backend modules using Python on Django Web Framework by implementing MVC architecture
- Wrote Parsers in Python for extracting useful data from the design database
- Used Parse kit framework for writing Parsers for ETL extraction
- Developed presentation layer using HTML5, XML, CSS3, JavaScript, Angular 5, jQuery and AJAX for dynamic web content
- Developed templets for Multiple Screens using Angular
- Refactored the monolithic code in those Microservices projects
- Developed Single page web application and deployed using JavaScript, ReactJS for frontend, RESTful web services, PostgreSQL for Backend and deployed in AWS
- Created customized AMIs based on already existing AWS EC2 instances by using create image functionality, hence using this snapshot for disaster recovery
- Worked with Spark Data Frames for ingesting data from flat files into RDD's to transform unstructured data and structured data
- Worked with Amazon Web Services (AWS) using EC2 for hosting and Elastic map reduce (EMR) for data processing with S3 as storage mechanism and supported Apache Tomcat web server on Linux/ UNIX Platform
- Employed MongoDB database concepts such as locking, transactions, indexes, Sharding, replication, schema design
- Installed and configured PyBuilder for application builds and deploying it
- Created Docker containers leveraging existing Linux Containers and AMI's in addition to creating Docker containers from scratch
- Setup Docker on Linux and configured Jenkins to run under Docker host
- Developed various APIs for Django applications using Django-tasty pie
- Used Maven tool to build application and deployed on JBOSS Application Server
- Used Jenkins for automatic build process and integration testing and deploying software
- Wrote services to store and retrieve user data from MongoDB for the application on devices
- Used JIRA to build an environment for development
- Developed Wrapper in Python for instantiating multi-threaded application
- Key Projects:
- File Upload Application: A portal that tracks customers and file processed
- The system leveraged a combination of multiple technologies, AWS, Azure, GCP
- Technologies:
- Python: Django, Django REST Framework, Data Ingestion – Batch & Realtime
- Database: SQL Server
- Front End: HTML, Typescript, Bootstrap
- ORM/Tools: Django Framework, Jira, GitHub

12/2015 to 01/2018 Python Developer

Novogradac & Co. Llp – Bethesda, MD

- Client interfacing and requirement gathering and SDLC support
- Worked on Django Web Forms and REST APIs MVC project to support internal application that provides general information regarding company compliances and SOX documents
- Good understanding of Authentication and Authorization modules
- Implemented roles-based authorization
- Worked on creating different reports and various ETL projects using Python & Django
- Experience writing on stored procedure, creating tables, indexes, views, and different SQL constraints
- Key Projects:
- For a large Life Insurance provider: Supported their BI platform for daily/weekly and month-end reporting
- The system leveraged a combination of legacy code and technologies.

EDUCATION DETAILS

12/2016

Bachelor of Science: Computer Science

Texas A&M University - Commerce - Commerce, TX