

## **MOHAN REDDY**

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### **Professional summary:**

- Overall 8 Years of experience in IT Industry, currently working for Altos Research, USA.
- 6 years of experience as Python Developer using Python and Django framework.
- Hands on experience in Analysis, Coding and Testing phases of Software Development Life Cycle (SDLC) using agile methodologies.
- Coordinate with internal teams to understand user requirements and provide technical solutions
- Experienced with full software development life-cycle
- Basic understanding of in Oracle database, AWS components such as EC2, ASG, lambda, SQS, elastic-beanstalk.
- Experienced in working with Python Integrated Development Environments like IDLE, PyCharm, Eclipse.
- Experience with Requests, CSV handling, FTPLib, BeautifulSoup, JSON, unit test framework, RESTful APIs- server side and client-side implementations, Logging and DataFrames in Pandas python libraries during development life-cycles.
- Worked in developing batch jobs processing framework using Django for internal purpose.
- Strongly followed PEP-8 coding standards and test a program by running it across test cases to ensure validity and effectiveness of code using PyLint.
- Involved in Unit testing and Integration testing of the code using PyTest.

### ***Work Experience:***

#### ***Altos Research***

***May 2021 - Till date***

- Conducted extraction and quality analysis of real estate data, leveraging an internally developed framework to extract data from websites and store it in a database.
- Demonstrated proficiency with various AWS services including Lambda, S3, Elastic Beanstalk, SQS, CodePipeline, EC2, and auto-scaling group configurations.
- Utilized essential Python packages such as python-requests, BeautifulSoup, and Selenium for effective data processing.
- Developed an intuitive admin dashboard using Django, Bootstrap, and jQuery to visualize weekly data processes, with PostgreSQL serving as the backend.
- Implemented CSV data extraction from Slack commands through web hooks and AWS Lambda functions.

- Engineered a framework to normalize unformatted street addresses and generate unique identification numbers for tracking street addresses across multiple sources.
- Successfully migrated a Java to Python project, encompassing over 500 sources, with thorough testing and validation.
- Established code build specifications and pipelines to streamline the deployment process, ensuring efficient and reliable deployment workflows.

## ***Cognizant Solutions***

***Nov 2020 - May 2021***

### **Legato - Cognitive platform:**

- Worked as core Python development team to build a Django website interfacing with internally built APIs, aimed at functioning similar to the Gradio app.
- Devoted significant time to annotating images to train machine learning algorithms, enhancing accuracy in results.
- Utilized AWS OCR extraction component for extracting text from scanned PDF documents, particularly focused on processing scanned medical bills.

## ***HCL Technologies***

***Oct 2019 - Nov 2020***

### **Intel Corporation:**

Intel is the one of the leading companies in manufacturing SSD drives. SSD. Stands for "Solid State Drive." An SSD is a type of mass storage device similar to a hard disk drive (HDD). It supports reading and writing data and maintains stored data in a permanent state even without power. SSD storages are rapidly growing in market as SSD are more faster than standard HDDs.

Responsibilities as developer are writing drive's validation scripts in python to check drive's performance and behaviour. Used core python, unit test framework along with numpy during development cycles. Eclipse (PyDev) used as IDE.

## ***Virtusa Consulting Services Pvt Ltd.***

***Jul 2015 – Sept 2019***

Python Developer

Apr 2017 – Sep 2019

Loan processing system, Bank of Montreal, CA.

Fusion Banking Loan IQ, developed by Misys, is used by leading financial institutions worldwide to optimise, automate and develop their lending business. From highly structured syndicated lending to high volume bilateral lending, Fusion Banking Loan IQ can meet all loan processing system requirements.

- Written, effective, scalable code
- Created test cases for every sprint using agile methodology.
- Knowledge in developing server-side APIs using Django.
- Developed back-end components to improve responsiveness and overall performance of existing systems.
- Coordinate with internal teams to understand user requirements and provide technical solutions

- Integrated applications with designed database architecture and server scripting
- Experience with Requests, Django-Tastypie, Numpy, Django Rest Framework, FT-Plib, Logging and Pandas python libraries during development lifecycle.

### **Application support Engineer**

Sep 2015 - Mar 2017

Mashreq Bank, UAE

- Monitoring daily batch jobs through life cycle of execution.
- Performing basic investigation for the failed jobs and fixing them on priority basis.
- Automating daily activities.
- Doing root cause analysis for major issues and sending them to development team for permanent fixes.
- Maintaining daily known issue tracker for supporting system without much hick ups.
- Performed status reviews to have overview of most recent issues.

### **Overall Technical Skills:**

- Python, Django, SQL, AWS
- MS Command Script
- Basics of VB script
- Pycharm and Eclipse (PyDev)
- JIRA, ServiceNow
- Agile methodology

### **Sound capabilities:**

- Displayed and proved capability to learn any new technology and work on it.
- Hands-on experience in writing and reviewing requirements, test plans, design and maintaining documents, quality analysis and helping with the software release process.
- Ability to successfully multi-task and prioritise work.
- Outstanding ability to write solid, tested code using dynamic languages and processes for projects.
- Exceptional ability to work independently with a team of Python coders.
- Ability to multi-task and work in a fast-paced environment.

### **Education:**

Bachelor of Engineering in Electronics and Communications from Sathyabama University, Chennai, TN