

## Abhi Shah - Sr. Python Developer

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**Experience:** 5+ Years

**Education:** Master of Computer Application

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### Synopsis

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- Total 5+ years of IT experience.
- Having experience in Project Management & Monitoring, Scrum Master, Quality Assurance.
- Involved in Budgeting & Costing, Stakeholder Management.
- Capable of Team Leadership & Management, Time Management.
- Performing Requirement Analysis, Risk Analysis.
- Having experience with Jira, Microsoft office 365.
- Works on KRA For ERP implementation.

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### Certifications

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- Agile Development Specialization (Coursera)
- AWS Fundamentals Specialization (Coursera)
- Crash course python (Coursera)
- Cyber Security Foundation (Certiprof)

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## Role and Responsibilities

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- Analysis, planning, developing requirements documents, building functional models, developing procedures, developing functional architectures, and other related management and technical duties.
- Hold regular technical team meetings to determine progress and address any questions or challenges regarding projects.
- Research and evaluate hardware and software technology options and weigh the cost/benefit analysis when making large purchases on behalf of the company.
- Recruit and train exceptional employees to fulfill posted positions within the technical department.
- Functional requirements and data specifications for any IT development work.
- Design reports which fit to user requirements for operation use.
- Provide technical and functional development of reporting solutions and data analysis.
- Coordinate developer and QC team to ensure product quality.
- Develop Use Case Studies of All types of IT Project.
- Expert in Deployment, Server/Hosting/Domain Setup & Migration Services.
- Designing wireframes.
- Technical Writer.

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**Technical Skills**

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Language	Python, Node js, PHP
Framework	Django, Bootstrap, CodeIgniter, Laravel, Wordpress, Odoo, Flask, ORM, CI/CD
Technologies	Rest Api, MySQL, Git, Apache, Figma, Bitbucket
Cloud Technologies	Google Cloud, AWS, Digital Ocean, Scaleway
Web Server	Apache, Nginx
Operating System	Ubuntu, Windows
Technical Management:	Application Deployment & Maintenance, System Upgrade, Database Management, Security, Demonstration

**1. Project:** Prediction of Loan Management System

**Overview:** Loan Approval is a very important process for banking organisations, this system approves or rejects loan applications. It is very difficult to predict the possibilities of payment of loan by the customer. In recent years many researchers worked on loan approval prediction systems.

It is having following modules:

- Module Frontend for User input to predict loan application
- Data insight within Jupyter Notebook
- Trained Model with 2 Million Data
- Multiple Algorithm

**Tools and Technologies:** Flask, Pandas, Scipy, Scikit, Keras, Numpy, plotlib, jsonify

**Role:** Worked with Data Scientist, Project Management, Devops Manager.

**Responsibilities:**

- Thinking through the problem in structured way using RAID log
- Working on Models : Like K-Means clustering model
- Workflow and Data Pipeline

- Identify Dependencies
- Create Infra for Model on AWS
- Deploy Model on Cloud Server

## 2. **Project:** Created Model on OSENT Data

**Overview:** Create web crawler a focused web crawler, it collects web pages that satisfy some specific criteria, e.g., pages that belong to a given domain or that contain a user-specified pattern. ACHE differs from generic crawlers in that it uses page classifiers to distinguish between relevant and irrelevant pages in a given domain.

It is having following modules:

- Regular crawling of a fixed list of websites
- Discovery and crawling of new relevant websites through automatic link prioritization
- Configuration of different types of pages classifiers (machine-learning, regex, etc.)
- Continuous re-crawling of sitemaps to discover new pages
- Indexing of crawled pages using Elasticsearch
- Web interface for searching crawled pages in real-time
- REST API and web-based user interface for crawler monitoring
- Crawling of hidden services using TOR proxies

**Tools and Technologies:** Python, Java, React Js, Python Dependencies: Scikit, Numpy, Flask  
Web Crawler Based on Java and Flask, AWS, Kibana

### **Role & Responsibilities:**

- Setup Infra for the Application
- Gathering Requirement for Model
- Design API Architecture
- NLP Model
- Dumped Raw Data into ElasticSearch
- write Script for Kibana for Visualization tool