Somesh Choudhary
Python Developer

PERSONAL DETAILS

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GitHub: https://github.com/sunydepalpur
LinkedIn: https://www.linkedin.com/in/somesh-choudhary-a0755b48/

Nationality: Indian (IN) Citizen

PERSONAL PROFILE

5+ years of Professional Experience in crafting developing and implementing algorithms in Python and new cutting-edge techniques (cloud developemnt) to drive business decision through various web applications and data visualization techniques. Certified Python programming skills in Tensorflow, Flask, Django, Flutter, Android, and Angular identified opportunities in cognitive intelligence & deep learning on rich data sets, also created and implemented strategies to make effective business decisions.

Additionally, expertise on Html, CSS, JavaScript, React, Unit Testing, Dart, Computer Vision, IOT. Excellent in problem solving skills and have foolproof solutions from the crux of the profession. Excellent communication skills and ability to work in multinational environments.

KEY SKILLS AND COMPETENCIES

- Extensive experience with **Python, Node.js, AWS, GCP JavaScript, Angular, Dart, Flutter, MySql, MongoDB**
- Experience with **RESTful API** and **micro-service** architectures, network streams and socket programming
- Ability to design and implement complex application architectures
- Experience with **Agile, Scrum** methodologies
- Algorithms like Jaro-winkler, Fuzzy-wuzzy, IBCF, UBCF, Matrix Factorization, Apriori
- Created visualization using Java scripts like **D3, ChartJS and Leaflet.**
- Knowledge of computer networking - **tcp/ip,** and other networks protocol stacks

TECHNICAL

Languages	Python, Dart, Node.js, Typescript, Sql, R ,Bash
Web & Mobile	Angular, React, HTML5, CSS3, SCSS, Bootstrap, Android, Flutter, IOS, ShinyR
Protocols	TCP/IP, HTTP/S, RTSP, FTP, DNS, REST, Soap
Cloud	AWS,GCP, Firebase, Docker, LXC, Python Anywhere, Terraform, Kubernetes, Ansible
Database	SQLite, MySQL, MongoDB, Hadoop, MSSql, Oracle
Packages:	PyMongo, Pandas, Boto3, Express, mysql-connector, gcp
Other	Jenkins, Jira, Gitlab, Git, Svn, CMake, Gradle, Tomcat

CERTIFICATIONS

- Machine Learning A-Z: Hands on Python and R in Data Science – Udemy
- Practical Deep Learning with Keras and Python
- Cloud Analytics Practitioner
- Intro to Bug Bounty Hunting and Web Application Hacking
- Deep Learning with Keras and Python - Udemy
- IBM Block Chain Essentials - IBM
- MongoDB M101J – MongoDb University
- EMC Academic Associate, Cloud Infrastructure and Services – EC2
- EMC Academic Associate, Information Storage and Management – EC2

WORK EXPERIENCE

TAP (Trusted Access Platform) Cisco/ Cisco Systems, Inc. / PUNE, INDIA – Python Developer
Mar 2020 to Present
Developing and deploying python based data sanitization engine to process network configurations in cloud with secure encryption.

• **Python, Flask, Docker, NodeJS, React AWS**

IOPS Budgeting App Cisco/ Cisco Systems, Inc. / PUNE, INDIA – Python / Flutter Developer
May 2020 to Jun 2020
Developing and deploying flutter based mobile application for managing the budget and real time video and media streaming for bug resolution.

• **Flutter,Python, AWS Lambda**

WW Distribution, Cisco/ Cisco Systems, Inc. / PUNE, INDIA – Python Developer
Jan 2019 to Present
Developing and deploying python based Recommender Systems (IBCF, UBCF, Matrix factorization) and Dynamic PDF Generation using GCP compute engine, big query, app engine.

• **Python, R, Big Query, Flask, App Engine, Compute Engine (GCP)**

CPS – Advance Analytics / Cisco Systems, Inc. / PUNE, INDIA – Data Science Associate / Python Developer
Aug 2018 to Dec 2018
Building an automated web based system for Sentiment Analysis for cases data.

• **Python, R, Hadoop, NLTK, Pandas, Flask, Teradata, AWS**

D360 – Chat Bot / Cisco Systems, Inc. / PUNE, INDIA – Machine Learning Developer
Jun 2018 to Aug 2018
Building an automated NLP based Chat Bot for process automation and automatic FAQ.

• **Python, NLTK, Pandas, Flask, Cisco Spark**

Software Acceleration / Cisco Systems, Inc. / PUNE, INDIA – Machine Learning Developer
Mar 2018 to Jun 2018
Building service based automated web application to load the data form data warehouses and upload it to tableau servers for data analysis.

• **Python, MS SQL Server, Flask, HTML, CSS, JavaScript, Unittest, Tableau Python SDK**

IOPS – Advance Analytics / Cisco Systems, Inc. / PUNE, INDIA – Machine Learning Developer
Nov 2017 to Feb 2018
Full-stack data advance data analysis solution based on what-if-analysis (simulation) using Time-series analysis techniques, created D3 Charts for representation of data.

• **Python, R, ShinyR, D3 Charts, SAP Hana, Oracle, Rally, GIT, Angular, HTML, CSS, AWS**

OPEX (Customer Name Matching) / Cisco Systems, Inc. / PUNE, INDIA – ML Engineer
Jan 2017 to Oct 2017
Full-stack data advance data analysis solution based on what-if-analysis (simulation) using time-series analysis techniques, created D3 Charts for representation of data.

• **Python, MONGO DB, Flask, NLTK, GIT, GCP**

PUBLIC PROJECTS

RedNineNews – *Redninenews Pvt Ltd*
Web Application,
• HTML, CSS, PHP, WordPress, MySQL
Android Application for Live News Streaming
• Android, Micro services, RTSP, SqLite3, Adobe Suite

Water Ordering System – *Flutter Based Online Water Can Ordering Application*
• Flutter, Firebase, Push Notification

Web Scrapper – *Python based Web Scrapping Tool*
  • Python, Micro services, Amazon and EBay Api, Flask, MySql, Angular

PERSONAL PROJECTS

Image Classifier – Python based image classifier
  • Python, Tensorflow – CNN : (128 {64* 64} Facial Feature Extraction) HOG, Vector Normalization

Speaker Recognition System – Python based speaker identification module that matches voice patterns
  • Python based solution

Price Comparator – *Angular based Price Comparison System*
  • JavaScript/ES6, Node.js, Angular, BuyHatke, API

Home NAS – *Personal Nome NAS*
  • RPi, Open Media Vault

Smart Mirror – *Personal Smart Mirror*
  • RPi, Smart Mirror, Google Speech Engine API, Weather Forecasting, News Feeds

Security Cam - Raspberry Pi
  • RPi based Web Cam

WHITE PAPERS

  • Prepared a Technical Paper on Blockchain (Supply Chain Management) – Organization Level

ACADEMIC QUALIFICATIONS

  • *2012 - 2016   AITR (RGTU Technical University) in Indore, India - Bachelor of Engineering - Computer Science*