MURUGAN PERUMAL

Phone: +91-8144244484
Linkedin: www.linkedin.com/in/murugan-perumal-31931a8/
Email: muruganperumal1991@gmail.com
Website: https://muruganperumal.wordpress.com

PROFESSIONAL SUMMARY

I am a data analyst with two years of experience in the airline and mobile network industry looking for challenging opportunities. My high-level skills include but are not limited to problem solving, database management, software & ETL development, data science & analytics, web-scraping and front end development. Additionally, I have developed a local search application for Microsoft Windows which is inspired by Macintosh's 'Spotlight Search'.

EDUCATION

Diploma in Computer Science *(April 2011)*
Shreenivasa Polytechnic College – Tamil Nadu

Bachelor of Computer Science and Engg. *(May 2014)*
Alagappa Chettiar College of Engg. and Tech. – Tamil Nadu

SKILLS

BEGINNER LEVEL - JAVA Swing, JAVA Spring, Dot net, C#, SaaS (Software as a Service), XML (Extensible Markup Language), Redis, API (Application Program Interface).

INTERMEDIATE LEVEL - Map-Reduce, Flask, JAVA SDK4.0, OOP Concept (Object Oriented Programming), Microsoft Office (Word & Excel), Atlassian JIRA, Atlassian Confluence, Angular JS, SQLite, jQuery, Neo4J, PHP (PHP Hypertext Preprocessor), SSIS (SQL Server Integration Service), Selenium.

EXPERT LEVEL - Web-Scraping, Core Java, Java Script, Python, Talend (Big data), ETL (Extract Transform Load), MySQL, MongoDB (NO, MS SQL, HTML5, CSS3, JSON, Linux Kernel, RDBMS (Relational Database Management System), NLP (Natural Language Processing), Gdelt

WORK EXPERIENCE

Data Analyst (FlyNava Technologies, Bengaluru)   *Mar 2016 – Present*

Create & Manage NoSQL database and stored functions for Jupiter, a pricing decision support system for the airline industry. Develop web-scraping techniques to extract globally available data required to enhance the product. Process client's raw airline data using Talend (ETL) and MongoDB into meaningful information. Create python scripts for analytical pricing algorithms. Develop a PDF reader & extractor to extract information from tables present in PDF documents. Develop an automated ETL batch to fetch relevant airline news and information from GDELT listed sources. Develop JAVA controllers for the service layer of the application. Download and analyze airline related social media posts on a frequent basis.

Software Developer (Cango Networks, Chennai)   *May 2015 – Feb 2016*

Develop Interactive and multi touch drill down charts and graphs for data visualization for products Optigo & Optigo 3.0. Design and manage Database and stored procedures in MySQL and MS SQL. Develop SSIS Package, ETL jobs to download and extract real time data from multiple sources via FTP servers. Migrate data and stored procedures between different SQL servers. Implement replication on different MySQL servers from various locations.

PERSONAL PROJECTS

ZINGS - Developed an optimal web search engine which aims at providing a unique user experience. The development of this project involved the use of Python/Flask and JavaScript to design and improve client interfaces. Designed and configured MongoDB database and back end applications and programs. Wrote ranking algorithm for the prioritize of over 1 million web pages. Implemented pagination for big dataset using angular JS

FILE HUNT FOR WINDOWS – File Hunt is a local search application which is inspired by Macintosh's 'Spotlight Search' that enables the user to quickly search and view stored documents, images and apps. Java swing used for interactive frame design for the application