Summary

10+ years of experienced and self-driven front-end developer with a focus on Data Analysis and Machine Learning. Highly adept at clustering & classification, web scraping, data analysis & visualization. Passionate engineer and thriving analyst with the ability to apply ML techniques and algorithm development to solve real world industry problems.

Experience

**Technical Lead** - 12/2018 to Present

**HCL Technologies**, Singapore

**Technologies:** *Python, Scikit-Learn,* *C#, SQL Server, JavaScript*

**Roles & Responsibilities:**

* Supporting and enhancing IRAS projects. Participating in Client interaction for requirement gathering, preparing technical design documents for the requirements gathered and leading the team to achieve the requirement on time and quality.
* Worked in Analytical Platform to create a single customer view which enables the cross-reference information supplied on tax returns.
* Used anomaly detection techniques to highlight relationships, behaviors and events that deviate from standard.
* Used predictive modeling to identify behaviors, attributes or patterns that correlate with emerging patterns of noncompliance.
* Based on the prediction the platform proactively send notice to taxpayer on tax compliance.

**Senior Technical Lead** - 03/2013 to 12/2018

**Nucleus Software Exports Ltd**, Singapore

**Technologies:** *C#, SQL Server, WPF, MVVM, DEVBOOSTER, JavaScript, IBM Datacap, HTML, CSS, XML, Tortoise SVN*

**Roles & Responsibilities:**

* Provided solutions for the user requirement and prepared project related documents.
* Involved in Client interaction for requirement gathering, prepared technical design documents for the requirements gathered and lead the team to achieve the requirement on time and quality.
* The WebKLS system is an intranet application built using the client framework (DEVBOOSTER). The main objective of the application is to help the branch advisors to book an appointment for the customer for all the banking needs with ease.
* Corp Paynow Application is to capture the information from the user filled application using IBM Datacap tool and sent to Filenet server for further processing.



Personal Info

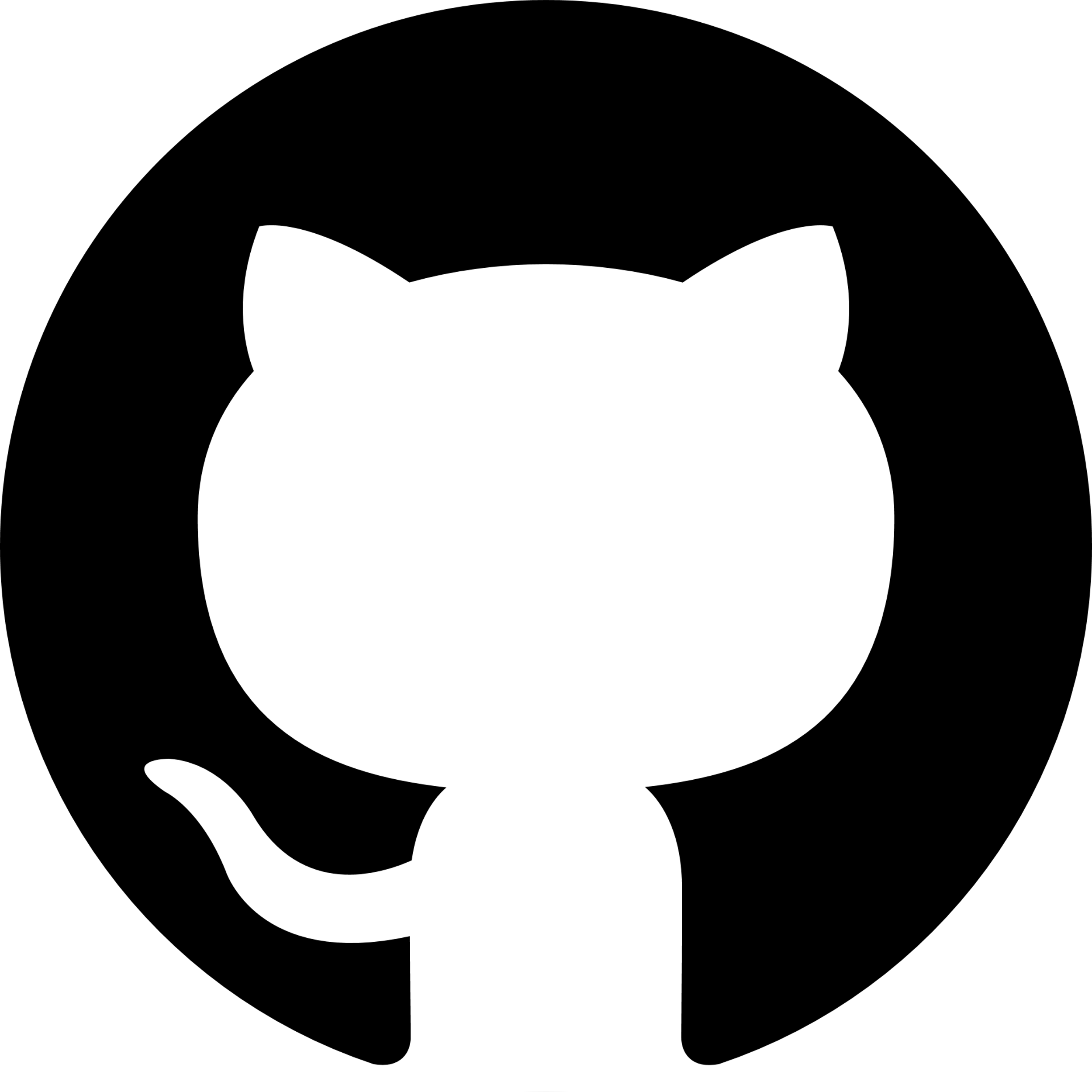
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Skill Highlights

* Project management
* Strong decision maker
* Complex problem solver
* Self-learner
* Innovative
* Service-focused

Programming

Python

C#

Sql Server

JavaScript

Key Skills

Data Visualization, Predictive Analysis, Statistical Modelling, Clustering & Classification, Data Analytics, Data Mining, ML Algorithms, Model Development.



Technical Skills

Tableau, Jupyter Notebook, Scikit-Learn, MatplotLib, IBM DB2, SSRS, Crystal Reports, TFS, VSS, Git Hub, Tortoise SVN, MVC, WPF, WCF, Web Services, IBM Datacap.

Education

POST DIPLOMA**:**

**SPECIALIST DIPLOMAN IN AI SOLUTIONS DEVELOPMENT**

2019 - Present

**Temasek Polytechnic**, Singapore

Bachelor of Technology: **Information Technology**

2001 - 2005

**Anna University**, India

Certifications

Python (certificate): **Learning Python, Python Data Analysis**.

Languages

Tamil (Native) 

English 

**Senior Software Engineer** - 04/2012 to 10/2012

**Arvato Digital Services**, Singapore

**Technologies:** *C#, SQL Server, JavaScript, TFS*

**Roles & Responsibilities:**

* Lead the application support team and involved in client interaction for Requirement analysis.
* System for Payment and Fulfillment (SPF) is a web application developed for Microsoft that is used by different Regional Call Centers across Asia as well as Microsoft Payment team, Invoicing team and Program Managers.

**Senior Application Consultant** - 01/2011 to 03/2012

**Optimum Solutions (S) Pte Ltd**, Singapore

**Technologies:** *C#, SQL Server, IBM DB2, JavaScript, VSS*

**Roles & Responsibilities:**

* Worked as Senior Application Consultant, supporting and developing application for Risk Infrastructure team.
* Developed new .Net windows application used for automating the reconciliation of GL data to Mart with less manual involvement.
* Developed project concepts and maintain optimal workflow.

**Senior Software Engineer** - 09/2008 to 01/2011

**Nucleus Software Exports Ltd**, Singapore

**Technologies:** *C#, SQL Server, WPF, MVC, WCF, JavaScript, Web Services*

**Roles & Responsibilities:**

* Involved in developing CTS (Cheque Truncation System) application from requirement analysis to deployment.
* Helped to integrate CTS application with Finnone banking solutions.
* Carried out quality assurance tests to discover errors and optimize usability.

**Software Engineer** - 06/2007 to 09/2008

**vMoksha Technologies**, India

**Technologies:** *C#, SQL Server, JavaScript, CSS, ASP, VB.Net*

**Roles & Responsibilities:**

* Developed various in house and client application from scratch.
* Involved in requirement analysis, development, document preparation and client demo.
* Worked with senior developer to manage large, complex design projects for corporate clients.

**Software Trainee** - 03/2006 to 05/2007

**Technova Solutions**, India

**Technologies:** *C#, VB, SQL Server, JavaScript, HTML*

**Roles & Responsibilities:**

* Involved in maintenance phase and performed module level testing.
* Completed detailed programming and development tasks for front end public and internal websites as well as challenging back-end server code.