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## Profile Summary

A detail-oriented and commercially aware professional with five years of total experience in prototype development, web app development and 3+ years of relevant experience in Machine Learning using python programming and ability to adapt new technologies.

## Skill Set

### Basic Knowledge

**Programming Languages:** Ruby, Python  
**Framework:** Rails, Flask, PyQt5  
**OS:** Linux, Windows  
**Tools:** Jupyter notebook, VSCode, Tableau, Postman  
**Version Control:** SVN, Git

### Working Knowledge

**Programming Languages:** Python, Ruby, HTML, R, CSS, HTML, JavaScript, jQuery  
**Web App Development:** Ruby on Rails  
**Server:** Apache, Nginx, Passenger  
**Cloud:** AWS, Heroku  
**Database:** MySql  
**Tools:** Jupyter notebook, VSCode, Fisheye crucible, RSpec, Jmeter  
**Version Control:** SVN, Git

### Data Science

**Libraries:** sklearn, Keras  
**Supervised Learning:** Linear Regression, Logistic Regression, SVM, Decision Trees, Ensembles, Regularization  
**Unsupervised Learning:** Clustering, Association Rule Mining, NLP, Collaborative Filtering, Recommendation Systems  
**Deep Learning:** Artificial Neural Networks  
**Data Analysis:** Pandas  
**Data Vizualisation:** Seaborn

## Education

Level	Board/ University	Year of Passing
High School	UP Board	2009
Intermediate	UP Board	2011
B.Tech(CSE)	VTU	2015
PGP-Data Science	INSOFE	Pursuing

## Work Experience

### **Software Developer, Cades Studec Technologies, Bengaluru, India (Sep, 2017 - Present)**

- Responsible for designing & test-driven development of data intensive web application for importing and working on large datasets using Rails 5, Rspec, devise, carrier wave, Bootstrap, MariaDB and JQuery.
- Developed Rails plugins for Redmine application using meta-programming, having JavaScript based front-end tied to the backend with Ajax for a smooth user experience.
- Responsible for Linux based server maintenance, apache server configuration, deployment of applications & debugging production issues and analyzing root cause for issues.
- Familiarity with Agile processes, project management tools and version control system.
- Collaborating with client to understand requirement, analyzing and solving problems with other developers, participated in code review.

#### Project

- Developed high performance Rails plugins for “**REDMINE**” application (Rails 4). This application is a project management and time tracking tool.
- Developed “**CMDB**” application (Rails 5.2) from scratch, it's a Bombardier automation application to automate data and generate various type of reports and graph.
- Developed high performance automation application “**Pub-Gi**” for windows using python and pyqt5.
- Machine Learning model to predict aircraft tail information.

### **Software Developer, Rank Technology, Bengaluru, India (Oct, 2015 - Sep, 2017)**

- Two-years of experience to develop and support plugins for Fedena application.
- Responsible for development, hosting application in server, monitoring, maintenance, analyzing and solving problems.

#### Project

- Developed “**Ace AbVin BPO**” application (Rails 5) from scratch which is using for real estate business (USA).

- Developed high performance plugins for “**FEDENA (ERP)**” application (Rails 2), which is multipurpose school management application and student’s information system used by institutional managements.

## **Hackathon**

### **Merchant is Fraudster or not for an e-commerce client (INSOFE):**

**Problem Statement:** A large e-commerce company with its operations in several countries. As the online giant grows, so has the number of fraudster merchants are. They deliver counterfeits or, in some cases, nothing at all. Such schemes leave customers duped, and place both legitimate merchants and the company itself in a constant battle to rid the marketplace of scammers. Determining this is also important in budgeting for fraud investigation. It's a well-known problem both to the company and to merchants, which they say hasn't effectively addressed the issue. They are serious about it and want to protect themselves from these fraudulent merchants using technology.

**Task:** expected to create an analytical and modelling framework to predict the Merchant Fraudulency(yes/no) based on the quantitative and qualitative features provided in the dataset.

**Rank Scored:** 11<sup>th</sup>

### **Broadband Outage Detection (INSOFE):**

**Problem Statement:** 'India Broadband' is a company that is now seeing a lot of customer churn due to customer dissatisfaction because of broadband outages in cities. Company wants to identify the broadband outage and minimize the loss.

**Task:** To build a machine learning model that predicts the outage detection of broadband type along with area and suggestion to minimize the outage and loss.

**Rank Scored:** 16<sup>th</sup>

## **Achievements**

- Awarded in organization for quality and performance, idea and improvements to the organization.
- Involved in organizing technical seminars and personality development programs in Organization

## **Other Work Experience (Freelancing)**

- 200+ hours of experience working as a freelance Ruby on Rails developer.
- Worked with clients to gather requirements, development of application as well as deployment.
- Providing remote support to client, assistance & maintenance of application.