Saswat Swain

**EXPERIENCE:**

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| * Over 5 years of experience in the field of Data Analysis, Data Visualization,Predictive Model Building,Problem Solving and Coding. * Have work across various domains including Health Care,Retail and General Insurance domain. * Clear Understanding on Model Selection based on Business Problems. * Good knowledge on Hive,Pyspark. * Thorough understanding of software development processes and worked in AGILE methodologies * I consider myself as a self motivator and constant learner. |

**TECHNICAL SKILLS:**

* **Programming**: Python,Pyspark
* **Database**: Hive,Mysql, NoSQL (Mongodb)
* **Application or Web Server**: Kubeflow,Airflow,Tableau
* **IDE:** Visual Studio,Jupyter Notebook,Pycharm
* **Version Control:** Bitbucket,GIT

**PROFESSIONAL EXPERIENCE:**

March‘24 to till date **Impetus Technologies India Pvt. Ltd**

**PROJECT DETAILS:**

#### Company:Carelon Global Solutions April’21 to till March’24

**Designation/Role:** Senior Software Engineer

Platform & Skills: Python,ML,NLP,DL,Pyspark,Hql,Airflow,Tableau.

**Brief:** The project centered on personalized match search to recommend ideal members to providers. Leveraged Hive as the backend database for member and provider features, utilizing PySpark for data querying and preprocessing. Building the regression models using adaptive line search algorithm to calculate costs and employing a sorting mechanism to obtain the top N providers. Automated model run processes using Airflow to enhance efficiency and reduce manual workload. Developed insightful dashboards to analyze model performance and conduct savings analysis, calculating savings on a monthly basis per model by comparing recommendations from personalized search against other search mechanisms.

My key responsibilities are:

* Conducted in-depth analysis of problem statements to discern key elements and requirements.
* Actively engaged in design discussions, providing comprehensive analysis and insights.
* Took charge of team leadership, ensuring the delivery of optimal solutions in line with project goals.
* Explored diverse technologies and algorithms through research to enhance problem-solving approaches.
* Provided mentorship to new team members, offering guidance on pertinent technologies and methodologies.

#### Company: **Wipro Technologies (India) Pvt. Ltd.** Oct ’18 to April’21

**Designation/Role:** Project Engineer

Platform & Skills: Python,ML,NLP,Mysql,Mongodb

**Brief:** The projects focused on data analytics, predictive modeling, and automation to enhance operations for an insurance client and implementing demand forecasting for a product inventory. Developed tailored predictive models, optimized processes, and created performance dashboards for actionable insights. Automated manual tasks using Python and Airflow, streamlined data loading, and migration, and employed machine learning and text analytics for enhanced efficiency. Additionally, developed a user-friendly ML-based web application for stakeholder access to advanced analytics, aiming to optimize decision-making processes and drive efficiency gains.

My key responsibilities were:

* Engaged directly with oneshore team to grasp their specific business needs and requirements effectively.
* Designed and implemented architectural solutions tailored to meet client objectives and project goals.
* Provided critical production support to address and resolve issues promptly, ensuring uninterrupted operations.
* Maintained strict adherence to project timelines, ensuring timely delivery of solutions and milestones.
* Facilitated seamless coordination between on-site and off-site teams to optimize collaboration and project efficiency, while also mentoring new team members to foster their technical growth and understanding. Additionally, prepared concise project status reports for senior management, offering transparent insight into project progress and achievements.

**EDUCATION:**

2018 Bachelors in Technology(EEE) Silicon Institute of Technology

2014 Higher Secondary Education L.R. DAV Public School