**Pravalli Budida**

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**SKILLS**

R, Shiny, Tableau, PostgreSQL, PL/SQL, NoSQL, Machine Learning, Statistical Modelling, Java, Python, JavaScript, Typescript, React, Angular, Node.js, AWS, Docker, Jenkins, Git, Microsoft Office Suite

**PROFESSIONAL EXPERIENCE**

**Keypoint Technologies** *Hyderabad, India*

*Software Engineer*    *May 2022- May 2023*

* Spearheaded the development of an asynchronous interface, significantly enhancing client-agent communication efficiency. Analyzed interaction data to produce comprehensive reports, providing key insights for business strategy and decision-making.
* Implemented a multilingual chatbot feature using NLP/NLU models, focusing on improving customer experience and engagement and better data retrieval.
* Led the design and deployment of a PostgreSQL database, focusing on monitoring and managing student interactions. Developed database APIs to generate detailed performance analytics reports, providing critical insights into student engagement and learning outcomes.
* Established data integrity protocols using event triggers within PostgreSQL, ensuring high-quality data for accurate analysis and reporting.

**Polaris Consulting Services**    *Hyderabad, India Associate Software Engineer*   *Aug 2015- Jan 2017*

* Conducted rigorous data integrity checks and implemented data validation and cleansing processes. Developed Oracle PL/SQL procedures for enhancing data processing efficiency.

**ACADEMIC PROJECTS**

1. **Airport-Airlines Choice Model, Machine Learning Project -** Generated comprehensive profiles of airport and airline preferences based on correlated attributes after cleaning data using various techniques.

2. **SpringbankDrive Statistical Analysis Project -** Conducted statistical analysis of housing data to determine fair compensation for properties.

3. **Interactive Stocks Dashboard -** Developed using the R Shiny framework, elevating data visualization and generating valuable business insights.

4. Honed **excellent communication skills** through regular presentations of complex boardroom analytics concepts to executives.

**EDUCATION**

**Seattle University (Albers School of Business and Economics)**  *Seattle, US Master of Science in Business Analytics (GPA: 3.9)* Sep *2023-Present*

**Velagapudi Ramakrishna Siddhartha Engineering College** *Vijayawada, India*

*BTech in Electronics and Communication Engineering (CGPA: 9.2)*   *Apr 2011 – Jun 2015*

**AWARDS AND ACHIEVEMENTS**

* Dean’s Honor List of Academic Excellence – Fall Quarter 2023, Winter Quarter 2024
* Entered Finals in the Robotics Competition conducted by Spark Labs at IIT, Chennai