SREEJA PILLAI

Software Engineer | Data Visualization | React Developer

linkedin.com/in/sreeja-pillai/
github.com/Sreeja-coder/
sreejap89@gmail.com
470-338-4849

Solution Oriented Software Engineer, with a 7 years of professional experience as a Database & PeopleSoft Administrator. Looking to make a career in web development, data visualization, natural language processing (NLP), datamining and database administration. Adept with the latest technology trends in the industry .

Academic background

- **University of Utah** Masters in Computer Science (Aug 2019-May 2021)
- **Mumbai University** Bachelors in Information Technology (Jun 2007-Jun 2011)

Academic Projects

- **NLP: Implementing co-referencing in documents**
  Task of finding the common referents in text documents; using Python and NLTK tools for POS tagging, NER using spacy and string-matching using regex.
- **Data Mining: Exploratory Data Analysis of Madrid Airbnb**
  Individual Airbnb listings have ratings and reviews. And are clustered on individual ratings. In our project we tried to analyze reviews for each reservation and studied the clusters thus formed by using Python, seaborn and algorithms such as misa-gries and regression techniques.
- **React: Building a webpage for Movie Rentals**
  Built a web-based movie rental portal with JSX and React Components using visual studio code as the IDE. It has material community icons for rating the movies, bootstrap CSS for the formatting, raising and handling events, using state hooks, working with forms et al.
- **React Native: Building an app to sell used products**
  Implemented JSX, react native components, Fromik for forms, card component for displaying details, implementing login feature, using material community icons to build this app.
- **Data Visualization: Visualizing Global Terrorist Attacks**
  Web based visualization of temporal data to extract patterns and key information about global terrorist attacks from a heavy data driven excel sheet; using JavaScript, HTML and D3 for converting Geojson data.

Career Summary

- **Teaching Assistant @ Uni of Utah**| Aug 2019 - present
- **Peoplesoft Consultant: Tata Consultancy Services Ltd** | Feb 2016 - Aug 2018
  Project: Supervalu
  Monitored, measured and reported online system performance and made recommendations. Lead the Production Tools Upgrade, applied periodic application & DB patches. Collaborated with the Network and Infrastructure Team for an efficient functioning of the system.
- **PeopleTools Administrator: Oracle** | Dec 2014 - Jan 2016
  Project: Global Clientele
  Troubleshooting ERP issues for global customers.
- **Software Engineer: Larsen & Toubro** | Jun 2011 - Nov 2014
  Project: DCP, STAR, Poclain and Nomura
  Implemented end-to-end installation of Peoplesoft,PeopleBooks**,** Secure enterprise search and Performance manager. Performing migration and refreshes.

Technical Skills

JavaScript: React & React Native

SQL: Oracle, SQL Server, Maria DB

HTML, CS3, Illustrator(basic) C++, C#

Python, D3, Tableau

LINQ

JAVA

Shell & Batch Scripting

Operating System & Tools: Windows, Linux/AIX, GIT, PyCharm, Visual Studio and Code, Eclipse

Skills

Communication & Collaboration

Leadership

Strategic Planning

Process Improvement

Public Speaking & Presentations

Technical Writing & Blogging

Awards

Awarded a certificate for "BEST PROJECT SUPPORT

24*7 in Larsen & Toubro (2013) Nominated for "THE ROOKIE" award in Oracle on the global scale. (2015)

Awarded "BEST TECHNICAL RESOLVER" in Tata Consultancy Services. (2017)