SREEJA PILLAI

Software Engineer | Data Scientist| React Developer

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Solution Oriented Software Engineer, with a 7 years of professional experience as a Database & PeopleSoft Administrator. Looking to make a career as a Software Developer. Adept with the latest technology trends in the industry and years of Professional work experience .

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**
  The project aimed at analyzing reviews for each reservation and study the clusters thus formed by using Python, algorithms and regression techniques.
- **React: Building a webpage for Movie Rentals**
  Built a web-based movie rental portal with JSX ,React Components & packages.
- **ML:Old Bailey Court Decisions**
  Training classifiers to predict the decision of the court - "guilty" or "not".
- **IR: Question Maker**
  The project aims at creating a model that can create questions related to any specific product for a seller,using similar products information.
- **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

Certification

Ultimate React : Code with Mosh
Git Course : Code with Mosh

Awards

Awarded a certificate for "BEST PROJECT SUPPORT24*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)