Brijith Elizabeth Joseph

Software Engineer

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Portfolio | github.com/pallavije

Technology

JavaScript

Asp.net

Python

HTML

CSS

Database

MS SQL Server

Oracle 11G

Cassandra

MYSQL

Version Control

SVN

Git

IDE

Visual Studio

Anaconda

Atom

AI

Machine Learning

Deep Learning

NLP

Basics

Angular

Docker

Node.js

Vue.js

D3.js

PROFILE

- Software Developer with 3+ years experience in software development.
- Masters Degree in Data Analytics with first class honours
- Experience working with Agile software development Methodology.
- Ability to design user interface and business applications
- Proficient in creating stored procedures ,views, cursors, functions to support applications in SQL Server
- In-depth knowledge of large relational databases and a good grasp of Oracle
- Experienced in build & deployment tools such as FileZila, Tortoise SVN
- Possess Knowledge, have hands on experience in Delphi , Asp . net ,PHP , wordpress
- Ability to process large amount of data and to format and generate reports
- Skilled in preparing reports to chart out findings and recommendations for each business module
- Experience providing customers support(ticketing, phone and remote access)
- Familiar with Linux, Windows, VMware
- Familiarized with Natural language processing , python packages Keras , Tensor flow Beautiful soup

EXPERIENCE

Currys PC World, Liffey Valley – Support colleague   10.18 -12.19

- Customers service and compliant handling [return , refund]
- Sales ,Demo of laptops , tech gadgets and other accessories with product support
- PC /tablet setup ,Troubleshoot , Installation of software

Geojit Technologies , India - Software Developer   10.16 - 09.18

Technology	Delphi 5 , Asp.net
Database	SQL Server 2014
OS	Windows

- Designed and developed new program code utilizing prescribed specifications.
- Analyzed and made changes in existing version of business applications
- Developed unit tests and provide code coverage to accurately test business logic and functionality
- Maintained confidentiality regarding the information being processed, stored and accessed.
- Prepared reports from for inspections and audits from different databases using stored procedures and complex SQL queries
- Monitored and enhanced the performance of various stored Procedures
- Handing tickets and provide technical support to the employees
- File processing and bulk file upload from multiple stock exchange
- Documentation of code with comments
- Management, updating of tickets

Project1 : GBNPP Trading System
Clients: GEOJIT BNP PARIBAS Financial Services Ltd. | **Duration** : Feb 2017 to Jan 2018
Team Size :8 | **Role** :Junior Software Engineer
Brief Description:

GBNPP Trading system is a complete back office solution for GEOJIT BNP PARIBAS share broking system. The application has implemented for both head office and branches throughout India. Branch system is a complex application, with its central database and application server served from Cochin office, which is accessed by branches and franchisees The branches use desktop applications, which connect to the server application through VPN. This system has got provisions Trade posting, Trade split, Contract note generation, Trade confirmation, Brokerage calculation, Error Trade posting, Account Journalization, Client Pay in, Client Payout, Bank reconciliation, Account closure . The reports are given such a way that each branch can view their client's transaction details.

Project 2: Digital Client On boarding
Clients : Geojit Financial Services Ltd. | **Duration** : Feb 2018 to Sept 2018
Team Size: 7 |**Role**: Software Engineer
Brief Description:

This application is used for opening an account with Geojit, which a desktop application was accessible only from branches is now changed to web based application. With the new application the clients will be able to open account independent of branches. In the traditional system, clients have to approach their local Geojit branch , get a booklet, fill the details and submit the booklet with the supporting documents. The branch will create a new client application entry. These applications are approved / rejected from head office. This process was inefficient and was consuming more time. To rectify this, web based online account opening was introduced through which client can enter their details and upload supporting documents from their computer or phone. These entries are verified and approved from Head office.

Prosix Infotech, India **Junior Software Developer**   **06.15 - 09.16**

Technology	Asp.net
Database	Oracle 11g , SQL Server 2012
OS	Windows

▪ Designed and developed new program code utilizing prescribed specifications.
▪ Analyzed and made changes in existing versions of business applications
▪ Develop unit tests and provide code coverage to accurately test business logic and functionality
▪ Deploying environments/applications fixes, patches, improvements
▪ Periodic Database backup
▪ Demonstration of the software to the users Technical support to the employees
▪ Migration of data from FoxPro database to Oracle

Project : Payroll Management system
Client : Indian Navy | **Duration** : June 2015 to sept 2016 **Team Size**: 12 | **Role**: Software Engineer

Web Enabled Intranet Based Payroll management system was developed for the unit NSRY. All the pay related activities related to the employees are managed in various modules. The following are the main modules in the software Employee Management Module , Over Time and Attendance Module, Leave Management Module Pension Management Module, Pay and Bills generation Module. Each employee will be provided with a login through which they can update their profile, apply / view status of leave application, view pay slip.

Smacon Technologies, India **Software Engineer Intern**   **12.14 - 03.15**

- Development of web applications.
- Unit testing

Projects

Tailor Management System[PHP, MYSQL]

An ERP web site for Managing the billing, sales, purchase, and other activities in a warehouse

- Assignment of employees for particular task
- Management of received Orders, Employees
- Reports on Various Modules

Tourism website using Word press

EDUCATION

09.18 – 09.19 Dublin Business School   MSc in Data Analytics – First class honours (1.1)

Relevant Modules: Data Storage and Data Warehousing, Programming with R, Python Programming Statistics for Data Analytics , Machine Learning, Data Mining ,Data Visualization , Artificial Intelligence, Deep Learning

Thesis (Deep learning, python) : An Analysis of the Effect of News Sentiment on Stock Market using LSTM , NLP github.com/pallavije/-An-Analysis-of-the-Effect-of-News-Sentiment-on-the-Stock-Market-using-LSTM

Other Projects

- Data warehousing on retail data
- Movie Review prediction using ML- Logistic Regression (Keras) github.com/pallavije/Movie-Prediction
  A ML model to classify , predit a movie review is good , bad or neutral
- Email Filter | github.com/pallavije/Email-Classification
  Spam and Ham mail classification using ML - Naive Bayes classifier
- Fraud Detection | github.com/pallavije/fraud-detection-using-self-organised-maps-master
  Using SOMs to detect potential fraud in credit card applications received by a bank.
- Visualization on country wise GCI using d3.js and Tableau github.com/pallavije/pallavije.github.io
  Interactive visualization of country wise global competitiveness index from year 2007 to 2017
- Churn Problem | github.com/pallavije/Deep-learning-Churn-Modelling
  An Artificial Neural Network that can predict, based on geo-demographical and transactional information, if any individual customer will leave the bank or stay.

08.11 – 05.15, MG University   B.Tech in Information Technology Engineering

Relevant Modules: Web Development, Database Management System , Compiler Design , Object oriented Programming, C ,C++ , Financial Management, Mathematics, Computer Networks , Theory of Computation, Data Structures , Linux, Unix , Computer Graphics , Digital Signal Processing

Final Year Project(PHP, MYSQL ,Android): Smart meter based android/Web application to track the daily usage of electricity[Won the best final year project of the year 2015 Award]

ONLINE COURSES -UDEMY

- The Full JavaScript & ES6 Tutorial - (including ES7 & React)
- Angular & NodeJS - The MEAN Stack Guide
- All NoSQL (HBase + Cassandra + MongoDB + Redis) for Big Data
- Docker Essentials
- Deep Learning A-Z™: Hands-On Artificial Neural Networks