

ANJALY GEORGE

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SKILLS

Languages: Python, Java, HTML, CSS3, JavaScript, jQuery

Framework: Numpy, Pandas, scikit-learn, Hadoop MapReduce, Angular 5, React, Ionic3

Data Processing Engine: Spark

Tools: MS Office, Visual Studio Code, Android Studio, Xcode, git

Database: Oracle, MySQL, Postgres

CMS: SharePoint Online

Development Process: Agile

Project Management tools: Jira, asana

EDUCATION

Santa Clara University

Santa Clara, CA

Master of Science in Computer Science and Engineering (GPA: 3.92)

(Sep 2019 - Mar 2021)

Relevant coursework : Machine Learning, Big Data, Pattern Recog & Data Mining, Design and analysis of algorithms, DBMS, Operating System, Computer Architecture, Building Global Teams, Software Ethics, Network Technologies, Distributed Systems

Mahatma Gandhi University College of Engineering

India

Bachelor of Technology in Computer Science and Engineering

(Aug 2012 - Jun 2016)

Seminar: Autonomous robots and SP theory of intelligence

WORK EXPERIENCE

Qburst Technologies, India — Software Engineer

(Jun 2016 - Dec 2018)

- Built backend systems, data layer and api layer using Python
- Developed web and mobile applications using technologies like Javascript, Angular 5 and Ionic framework
- Participated in designing and developing of database layer using Oracle database
- Participated in requirements gathering process from the customers and ensured customer satisfaction with open and close ended questionnaires.

RECENT PROJECTS (Industry Experience-QBurst Technologies)

• Mektebi - Platform Enhancements

Develop a mobile application for an existing web intranet portal. Developed web services using python for getting feeds, company news, leave application management; Resulted in improved accessibility of resources for employees and increased employee productivity

• Zipline - Job dispatch application:

Develop a web application for dispatching jobs for the field employees. Developed web interface and backend system using Python, HTML, CSS, Oracle Database. Increased the company's business by 30%.

• Portek Intranet Portal in SharePoint:

Develop an internal website for the employees of portek and eliminate manual paper work. Developed functionalities like leave approval process, Accident reporting process in SharepointOnline using javascript, HTML, CSS. Resulted in improved accessibility of resources for employees, and improve efficiency by reducing the time required for paperwork

RECENT PROJECTS (Academic and personal work)

• Movie Sentiment Analysis (Machine Learning)

Classification of movie review sentiments from IMDB movie review dataset; Designed, implemented and optimized a logistic regression model in Python to predict sentiments; Resulted in predictions with 95% accuracy.

• Twitter Sentiment Analysis

Prediction of sentiments of trending topics in tweets using live data streaming. Developed the model using spark streaming, scala and Stanford CoreNLP; The model was predicts current trends and sentiments with 90% accuracy

• Design and Develop Yelp Database System

Design and develop a mock database for Yelp like business. Analyzed the data, created an ER model, developed database from ER model using Oracle SQL and an interface using Java; Resulted in a working database for Yelp.

• Customer revisit prediction

Prediction of customer revisit pattern from wifi signals and no other personal data. Compared the prediction accuracy of different ML models using Python, scikit-learn, Numpy and Pandas; Analyzed the accuracy produced by different ML models using F-score and found Logistic regression and Gaussian Naive Bayes to be most accurate.

• Plagiarism detector

Classification of documents based on similarity by implementing Locality Sensitive Hashing in Java. Successfully identified similar pair of documents with similarity above a specified threshold