ANJALY GEORGE

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SKILLS

Languages: Python, Java ,C, HTML, CSS3, JavaScript
Framework: Flask, Django, NumPy, pandas, scikit-learn,TensorFlow, PyTorch, Matplotlib,Keras Hadoop, MapReduce
Data Processing Engine: Spark
Library : Stanford CoreNLP, NLTK, Angular 5
Database: Oracle, MySQL, PostgreSQL, Hive
Cloud services platform: AWS
Other: AJAX, REST API
Software development Methodology: Agile
Tools: git, Anaconda, VSCode, Android Studio, Xcode

EDUCATION

Santa Clara University Santa Clara, CA
Master of Science in Computer Science and Engineering (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)

WORK EXPERIENCE

Qburst Technologies, India — Software Engineer (Jun 2016 - Dec 2018)

- Built backend systems, api layer using Python and Flask/Django
- 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, MySQL
- Performed unit testing and deployed applications on to Amazon Web Services (AWS).
- Participated in requirements gathering 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 by 70%
- **Zipline - Job dispatch application:**
  Develop a web application for dispatching jobs for the field employees. Developed web interface and backend system using Python, Flask, 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 80%, reducing the paperwork

RECENT PROJECTS (Academic and personal work)

- **Amy - The new chatbot in town (Deep Learning)**
  Built a chatbot application using Deep Learning and NLP, Amy is trained using feed forward neural networks, using Python, PyTorch, NumPy, NLTK and a GUI for hustle free interaction with Amy.
- **Real Estate Price Prediction (Machine Learning)**
  The app predicts the housing prices of a region. The model is trained on kaggle bangalore house price data, using logistic regression, then created a python Flask server and built a UI using javascript, HTML and CSS.The app is deployed to Amazon EC2. Resulted in predictions with 90% accuracy.
- **AssiScanner**
  Classification of documents based on similarity(detecting plagiarism) by implementing Locality Sensitive Hashing in Java. Successfully identified similar pair of documents with similarity above a specified threshold with 90% accuracy
- **Customer revisit prediction using wifi signals**
  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.
- **Sensus-I**
  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