JIJO JOHNY

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Summary:
A Full Stack Developer with 3+ years of experience in JavaScript, Python, Java, jQuery, AngularJS, Django & AWS.

Education:
University of South Florida, Tampa, FL   December 2017
Master's in Management Information Systems   **3.76/4**
Mahatma Gandhi University, Kerala, India   May 2014
Bachelor of Technology in Electrical and Electronics Engineering   **3.9/4**

Technical Skills:
Programming Languages and APIs: Python 2 & 3, C, Java, JavaScript, R, Bash/Shell, JSON, Node.JS.
Web Technologies: HTML5, CSS3, JQuery, AJAX, Django, ReactJS, AngularJS(1.x), REST, XML, Redux.
Data Tools & CMS: RStudio, Tableau, D3JS, Weka, Pig, HDFS, Hadoop, Kafka, Hive, Hibernate.
Technology Stack: Oracle SQL, MySQL, Graph DB, PostgreSQL, SOLR, MongoDB, SQLite, NGINX, Git.
Software Tools: Eclipse, Android-Studio, Visual Studio, Office Tools, Phonegap, AWS, Redis, Azure, JIRA.
Methodologies & CI/CD tools: Agile, Waterfall, SDLC, Scrum, Cordova, Docker.
Operating Systems and Security: Linux, UNIX, Windows.

Certifications:
- **CCA Spark and Hadoop Developer (CCA175) (Ongoing), AWS and SAS Certified, Angular 2, Android 4.0**

Professional Experience:
JerseySTEM (Non- Profit), Washington DC
STEM Analyst   Mar 2018 - Present
- Developed scripts in **G-suite** to automate the creation of accounts for volunteers and suspension of inactive account.
- Developed scripts for Google apps to identify the latest files in drive to transfer to **MySQL** database by skyvia.

The Urban Institute, Washington DC
Web / Full Stack Developer Intern   July 2017 - Dec 2017
- Designed and developed the middleware for tax calculator- a live web application using **Django**, **MySQL** & **AngularJS**, improved website performance by reducing the time taken to load by using **SVG** images.
- Developed and designed the database in **MySQL** and migrated it in Django using **models** and **serializers**.
- Developed code in **Python**, performed version control, **unit testing**, **UAT**, launched staging server in **AWS EC2**.
- Set up the application using **Docker** and used Docker hub for **dev-test** pipeline automation and security testing.
- Performed **data profiling**, data mapping, built data model & provided insights to improve the employee experience.

Cognizant Technology Systems, Hyderabad, India
Programmer Analyst   June 2014 - July 2016
- Development of webpages for a pharmaceutical giant using **jQuery** with **AJAX** calling and pop up interactions.
- Development of responsive webpages using **AngularJS** (lazy-loading, auto-complete, custom select boxes etc).
- Deployed application using **Adobe AEM** reduced mean time to resolution (MTTR) by **69%** for any related tickets.
- Followed best practices such as version control, **CI/CD**, security testing, delivered root cause analysis, **break fixes**.
- Development of responsive webpages using **AJAX** calling from Twitter, Background videos and transition images.
- Developed and designed a hybrid application (in **Android** and **IOS** platform) under SCRUM methodology with functionalities (Google maps, Facebook and Twitter) using **Redis cache, JS, Phonegap, jQuery & MongoDB**.

Academic Projects:
- **Gamers Paradise: E- Commerce Website (** https://goo.gl/hMwIFo**)**
  Used various Big Data Technologies to develop an E-Commerce website and hosted in **Windows Azure**. Scrapped data from Amazon.com using Python and stored it in **MongoDB**. Implemented a Product Recommendation Engine, used ExpressJS, Bootstrap for front end along with **Azure ElasticSearch, Redis Cache & Cloudinary CDN**.
- **Manulife WALK- Mobile Application (Play Store Rating: 4/5)** (https://bit.ly/2HyZ3sh)
  Designed and developed the mobile application Manulife WALK with features such as pedometer, walking route recorder, **google maps** and its shoe donation program based on target number of steps using **JS**, **Ionic** & **MongoDB**.
- **Predicting US Presidential elections 2016** (https://github.com/Jijo070/Twitter-Extract-For-Sentiment-Analysis)
  Predicted the US presidential elections 2016 from the US primaries data set. Used sentiment analysis on daily tweets of candidates extracted using Python libraries such as tweepy, csv and **BeautifulSoup**. Predicted the favorite by running optimal regression models in **SAS** and visualized the data in Rapid Miner.
- **E- Commerce Systems (**https://www.slideshare.net/JijoJohny3/adbms-final-group-project-report-75235273**)**
  An e-commerce value chain which involves interactions between online shoppers and e-commerce systems was created on **Oracle SQL Server** using **SQL** Relational database. Focused on user interface and query optimization.