Pooja Kamble

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EDUCATION:

Rochester Institute of Technology **Expected to Graduate: Dec 2020**
Master of Science - Computer Science **GPA: 3.67/4.0**

TECHNICAL SKILLS:

Languages:	Python | Java | SQL | HTML5 | CSS | C++
Tools and Environment:	MySQL | Git | Swagger | PostgreSQL | Linux **|** Microsoft office | Jupyter | SVN
Libraries:	Pandas | NumPy | Matplotlib |Scikit-learn |seaborn
Miscellaneous:	REST | HTTP | JSON

WORK EXPERIENCE:

Software Engineer Intern | AYCO-A Goldman Sachs Company| Saratoga Springs, NY **June 2019 - Aug 2019**

- Enhanced an iOS mobile app using **React** and **framework7** which efficiently minimized the **user's effort** by **30%**
- Established smooth **integration** with partner systems by developing new **RESTful** APIs using **Spring**, **hibernate**, and **Swagger**
- Managed and designed **project artifacts** such as design document and test results on the **Confluence** pages
- Selected amongst summer interns to represent the technology group in the front the executive committee panel
- Completed the time-critical project and successfully and stationed in the DEV environment

Software Engineer | Larsen and Toubro Infotech | Pune, India **Sep 2015 - May 2018**

- Improved communication between Citibank channels by developing middleware applications in **SOAP/REST**
- Slashed the problem of **inconsistent message formats** by transforming data in application-specific formats **(JSON/XML)**
- To better monitor the business performance, created a report generator service in **SQL** for daily transactions
- Proactively communicated between **cross-teams** to ensure important **change/deployment requests** are raised on time and followed up to keep them on track
- Managed the application's sanity by monitoring the system check frequently for critical services.
- To ensure better connectivity, configured different partner systems connection on various communication (**JMS/EMS/MQ)**

PROJECTS:

Full-stack application for plant diagnosis and disease detection: **Aug 2020 - Present**

- To solve the problem of plant diagnosis in absences of high-end lab infrastructure and domain expertise, designing a full-stack application and hosting the same on cloud server (AWS)

Recipe Builder web API **Feb 2020 - Feb 2019**

- Developed a web service using **Python**, **Flask**, where different **SOAP** and **REST** APIs are consumed to provide functionality in one-place, designed a **user-friendly** front end in **HTML5** and **CSS**
- Given the name of the dish, the application will fetch the recipe, ingredients along with their nutrition value, and nearby grocery stores

Smart home device **Jan 2020 - Feb 2020**

- Learned **Arduino** environment and programming and created a project to measure temperature and humidity outside home and send the data wirelessly to remote device inside home reducing the human efforts

NYC Taxi dataset analysis **Feb 2019 - Mar 2019**

- Collected and processed around 21 million rows from New York data to perform data analysis and data mining using **Python**
- The data was normalized into several tables to remove redundancies and to achieve ACID properties (**MySQL** and **NoSQL**)
- Association analysis was performed on the dataset to get highly correlated features to improve the business decisions

Best route **Oct 2019 - Oct 2019**

- Wrote a parser in **Python** to scan vehicle's GPS data to fetch the required fields from KML (Keyhole Markup Language) files to analyze the different routes, and the Google Earth was used to visualize the paths
- Designed an objective function to find the best path between any two places with great accuracy

Building a data warehouse **Nov 2019 - Dec 2019**

- Designed a Data warehouse by understanding the business goal and created data marts for suitable business processes to store the time-variant data and address the business performance by performing data analysis
- Performed Extract-Load-Transform (ETL) on the RDBMS database to populate data marts **(Pentaho and MySQL Workbench)**
- User queries are addressed by performing **OLAP** operations for efficient look ups

AWARDS: **Aug 2019 - Present**

Received **30% scholarship** for Master of Science Program from RIT based on good academic performance