

# Pooja Kamble

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## OBJECTIVE:

Seeking a Software engineer position with 3+ years of industry experience, passionate about learning system design and solving critical challenges to deliver user-centric applications, available to start from December 2020

## EDUCATION:

**Rochester Institute of Technology**

Master of Science - Computer Science

**Expected to Graduate: Dec 2020**

**GPA: 3.67/4.0**

## WORK EXPERIENCE:

**AYCO-A Goldman Sachs Company**

Software Engineer Intern

**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% by automating the business process
- Established smooth **integration** with partner systems by developing new **RESTful** APIs using **Spring**, **hibernate** and **Swagger**
- Effectively maintained **project artifacts** such as design document and test results to incorporate changes in the application
- Selected amongst summer interns to represent the technology group in the front executive committee
- Completed the time-critical project and successfully **deployed** in the testing environment within a short period

**Larsen and Toubro Infotech**

Software Engineer

**Pune, India**

Sep 2015 – May 2018

- Actively involved in all the phases of the **Software development lifecycle** from DEV to PROD environments
- Developed middleware SOAP/REST-based applications in **Java** for Citi bank to easily integrate between various messaging channels with different data formats (XML, JSON)
- Automated daily report generation from Citi bank's transactions database using **SQL** to monitor the business performance every day
- Raised **change request** (CR) for deploying the enhancements and proactively communicated with different stakeholders to push the change
- Worked on **admin** tools to monitor the health of the system to keep critical services up and running
- Configured different communication channels such as **JMS/EMS** and **MQ queues** as per partner's need
- Received **client appreciation** for faster delivery for the high priority project

## PROJECTS:

**NYC Taxi dataset analysis**

Feb-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 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

- 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

**Coupon suggestions for different shopping groups:**

Nov-2019

- Analyzed grocery storer's data to identify different shopper's group and their characteristics to send them relevant coupons
- Performed PCA (Principal Component Analysis) to simplify the data for classification, and then selected the features using the best eigenvectors on the covariance matrix

**Recipe Builder web API**

Feb-2020

- 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

- Self-learned **Arduino** environment and created a project to measure household temperature and humidity and send the data wirelessly to remote device reducing the need for a human to physically go outside

## TECHNICAL SKILLS:

**Languages:**

Python, Java, SQL, HTML5, CSS, C++

**Tools and Environment:**

MySQL, Git, Swagger, PostgreSQL, Linux, Microsoft office

**Libraries:**

Pandas, NumPy, Matplotlib, Scikit-learn

## AWARDS:

Aug-2019

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