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Divya Mehta

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Education

New Jersey Institute of Technology

September 2022 - Pursuing

Master of Science in **Computer Science**

GPA: Not Calculated

Vellore Institute of Technology

August 2017 - May 2019

Master of **Computer Application**

CGPA: 7.08 / 10

Veer Narmad South Gujarat University

July 2014 - May 2017

Bachelor of **Computer Application**

CGPA: 7.48 / 10

Professional Experience

Atologist Infotech - Python Developer

March 2022 - August 2022

- Developed an **automated Amazon Scraper** that routinely collects products, categories, seller and brands data and stores it into **MYSQL Database**. Cumulatively collected **1+ million rows** of amazon products.
- Developed **TOR proxies & Fake User-Agents** which were used in sending request with **Amazon Scraper** to prevent detection that the request are send by a bot.
- Deployed the **automated Amazon Scraper** with **Github** on **Google GCP** using **Docker**.
- Developed a model of **object detection** in images by **reengineering** pre-trained **SSD ResNet101 Model** using **TensorFlow and Keras**.
- Developed a **Restful APIs** in **Flask(Python)** with bearer authentication system to view brands, products, seller information which can be viewed on **Web Application**.
- Optimize the performance of the **APIs** using **Pandas**.

JointWorkSolutions LLP - Software Engineer

July 2021 - February 2022

- Designed a module of **XMLRPC** where a request is send from **server-side** to check whether the utility deployed on **client-side** is running as intended.
- Developed an end-to-end encryption with **private and public key** so that data send stays **encrypted** while been transfer from one client-side to server-side.
- Managed the whole **system administrate** to generate **reports** of the new users and gave demos to the **client of the performance** and the new features which were been accumulated.
- Deployed the code using **Bitbucket**, also used **Jira (to keep a track of bug & new feature request)**.

Deepligix Technology LTD. - Jr. Software Engineer

November 2020 - June 2021

- Developed & Deployed web socket using **NodeJS** and **jQuery** for communication between to end user and stored the data in **MongoDB**.
- Developed, Design & Deployed a **subscription based module** using **Stripe API's** in **CodeIgniter(PHP)**, also implemented **web-hooks** for capturing auto payments **success, failure and cancellation** of subscriptions, and a **refund option** which can be access through admin portal.
- Developed & Design a **presentation module** in **CodeIgniter(PHP)** for over **web application** having an **unique URL** to be accessed by user for viewing the treatments.
- Built **API's** in **CodeIgniter** with **authentication system** so that a user can access their data on mobile application.
- Implemented **push notification** using **Google FCM server** to send out notification to user on **Android** and **iOS** devices.