SAURABH BALASAHEB MOHITE

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OBJECTIVE

Computer Science Master student with internship experience in full-stack development, object-oriented programming, and micro-services deployed in the cloud, seeking full-time backend and full-stack development opportunities.

EDUCATION

Master of Computer Science, Arizona State University, Tempe, AZ, US — Expected 2023

Bachelor of Technology in Computer Science, VIT University, Vellore, TN, IN — 2017 - 2021

SKILLS

Languages Java, Python, C++, C, Javascript, PERL & SQL.
Frameworks & tools SpringBoot, Django, React, GitHub, MongoDB, PyTorch, TensorFlow, Keras, Selenium, Atlassian JIRA & Confluence.

Proficient in MS Excel, MS Office packages, operation of Linux as well as Windows OS, unit testing, automated testing, regression testing, agile, and scrum methodologies.

Excellent skills in communication and problem-solving skills via about a year of customer service experience.

EXPERIENCE

Summer Intern — Jun 2020 - July 2020
J.P. Morgan Services India Pvt. Ltd. — *Remote*

- Created an application to solve the volunteer management problem faced by the NGO CampDiaries using Java Spring framework, React.JS, MySQL, and AWS.
- Built an automated scheduler and decision-making system to efficiently assign location and jobs to the volunteers at CampDiaries.
- Built REST APIs to search a large relational database that holds all the information of the volunteers, management, and their communications within the application.
- Communicated directly with the clients and different stakeholders at the NGO to formulate the requirements and specifications of the application.
- Leveraged project management software JIRA to track the progress of the application and Bitbucket for version control.

PROJECTS

Stance Detection. Developed supervised (BERT) and unsupervised (k-means, DBSCAN) models to predict the stance of the sentences with respect to a particular topic. Used data augmentation – back-translation, paraphrasers, etc. for data augmentation.(GitHub)

Protein Sequence Family Prediction. Developed a technique to predict proteins' families based on their fasta sequences. Treated the sequences as English sentences. The model yielded over 0.97 test accuracy. (GitHub)

Agriculture Guide Application. Created an application to suggest cropping patterns, and give twin crop suggestions based on their genome sequencing comparisons. (GitHub)

EXTRA-CURRICULAR ACTIVITIES

- Volunteered to organize food and cloth donation drives during the COVID19 crisis, at Rotaract Club of Thane North End.