

# SAURABH BALASAHEB MOHITE

+1(602) 815-2964 ♦ Tempe, AZ

[mohitesaurabh650@gmail.com](mailto:mohitesaurabh650@gmail.com) ♦ [LinkedIn](#) ♦ [Portfolio](#) ♦ [GitHub](#)

## OBJECTIVE

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

## EDUCATION

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**Master of Computer Science**, Arizona State University, Tempe, AZ, US

Aug 2021 - May 2023

**Bachelor of Technology in Computer Science**, VIT University, Vellore, TN, IN

2017 - 2021

## SKILLS

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**Languages** Java, Python, Javascript, C++, C, HTML, CSS, PERL & SQL.

**Frameworks & tools** Spring Boot, Django, Flask, Angular, React, GitHub, MongoDB, PyTorch, TensorFlow, Keras, AWS, Postman, Jenkins, Selenium & Atlassian Suite.

Proficient in the operation of Linux as well as Windows OS, scripting, object-oriented programming, data structures, databases, system design, building chrome extension, unit testing, automated testing, regression testing, integration testing, agile, and scrum methodologies.

About a year of customer service experience as an intern and a food service employee.

## EXPERIENCE

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**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 locations 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

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**Stance Detection. (September 2022 - November 2022)** 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, paraphraser, etc. for data augmentation. ([GitHub](#))

**LinkedIn H1B Checker Extension. (March-2023)** Created a chrome extension that would let applicants on LinkedIn know if the employer has filed an H1B in the past and the number of times they did. ([GitHub](#))

**Email Read Receipt (April 2023 - In Progress)** Developed a system to get read receipt update for emails. Created an extension ([GitHub](#)) to attach a tracker to email and hosted a Flask server ([GitHub](#)) connected to SQL database on AWS EC2 using nginx to track the status of sent email. Currently working on further development to use a more robust database like postgresql and framework like SpringBoot/Django so it can work for multiple users with ease and later move towards a peer to peer network server. Using Jenkins to maintain a CI/CD pipeline.