

# Syed Mohammad Ibrahim

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## EXPERIENCE

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### Poshmark

Chennai, India

Senior Software Engineer - I

Apr. 2021 – Aug. 2021

- Worked on building the infrastructure for the Milestone project with the help of utilities like RabbitMQ, MongoDB, and Sidekiq.
- Branch.io deep linking and universal linking enhancements.
- Worked on upgrading static code linter - Rubocop

Software Engineer - II

Jul. 2020 – Mar. 2021

- Migrated AppsFlyer SDK triggered tracking events to GTM based tracking events on iOS.
- Implemented OAuth 1.0 and OAuth 2.0 protocols for connecting external services like Pinterest, Twitter, Tumblr, etc.
- Improved the effectiveness of RSpec test cases by migrating to the new "expect" syntax from the "should" syntax.
- Worked on implementing the shipping promo feature for guest checkout flow.
- Revamped the whole external partner's infra for readability and removed redundancy for ease of understanding.
- Worked on migration of the Share Settings page on the web from Rails to Vue.js and respective APIs.
- Participated in Game Hackathon organized by Poshmark where the goal was to create a small game with a team.

Software Engineer - I

Nov. 2018 – Jul. 2020

- Migrated the code for Ad Partners tracking from Server to Google Tag Manager (GTM).
- Enhanced the Posh Influencer and Posh Ambassador programs along with the usage of Cron Jobs.
- Built the infrastructure for generating Image Sitemaps for indexing.
- Migrated the usage from bit.ly generator service to branch.io service for generating short URLs.
- Participated in the Hackathon organized by Poshmark to work as a team and built a Chatbot using Dialogflow and Crickinfo API.
- Participated in the Hacktoberfest 2k18 and created multiple open-source pull request changes to different libraries.

### Tata Consultancy Services

Chennai, India

Assistant System Engineer

Jul. 2018 – Nov. 2018

- Part of TCS Interactive, a research-based unit.
- Developed search functionality for the client's enterprise iOS App.
- Hosted a tech session for the team on Django as a development framework.
- Upgraded the iOS App with new models and designs as per the client's requirement using Swift 4.
- Built the native iOS unit testing framework to perform Test Driven Development (TDD).

Assistant System Engineer - Trainee

Aug. 2017 – Jul. 2018

- Trainee in Automation and Manual testing.
- Worked on various kinds of test suites like selenium, HP Quick Test Pro, etc.
- Worked on Front-end development as the final project for the training.
- Learned Swift 4 as part of the iOS development project that I was assigned to.

## PROJECTS

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### Laughter Challenge | HTML, CSS, Bootstrap, Javascript



- At hackathon named Game-Jam organized by Poshmark, we as a team created a Try Not to Laugh Challenge where the player will be presented with funny videos and will be tempted to laugh.
- Created a webpage which renders a video section and a user camera section.
- A miniature machine learning library is used for identifying the player's smile and scoring them accordingly.

### Cricket Chatbot | Dialogflow, Crickinfo API

- A cricket chatbot designed during the Poshmark Hackathon.
- Used the Dialogflow API integration with Slack and Crickinfo API to fetch real time updates.

- User has to ask questions in the form of Slack messages about cricket and the chatbot will answer based on the API response.

#### Blowfish Cipher | *Python*



- Minor project on analysis and implementation of blowfish cipher for password encryption.
- A terminal based program that accepts a password as input and saves it as a cipher text in a file.

#### RSA Cryptographic Algorithm | *Python*



- RSA Algorithm for message encryption using block cipher.
- Accepts a plain text message via terminal or file as input and outputs an encrypted message.

### HONORS AND AWARDS

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**Star Performer:** Star performer at TCS for valuable contribution to the project.

#### Academics:

- Earned Elite Certificate in Introduction to Programming in C from IIT Kanpur.
- Earned Elite Certificate in Programming, Data Structures and Algorithms from IIT Madras.
- Won Clash of Codies organized by SISTech, Bhopal.
- Achieved 177th Position in TCS Code Vita 2k16 at National Level.

### TECHNICAL SKILLS

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**Languages:** Ruby, Python, C/C++, Swift

**Frameworks:** Ruby on Rails, Node.js, Cucumber, RSpec, XCode Test Suite

**Databases:** MongoDB, Amazon Redshift

**Developer Tools:** Git, Docker, Vagrant, Google Tag Manager, Jenkins

### LEADERSHIP AND ACTIVITIES

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#### Rotaract Club of East Kolkata

Kolkata, India

*Participant*

*July 2020*

This is an NPO that works for the welfare of society and participates in social activities like educating the underprivileged, raising funds, etc. I participated in one such activity where they were raising funds for the needy by organizing an excel workshop for nominal charge.

#### RAAHAT, Be The Change Maker

Bhopal, India

*Volunteer*

*Sep. 2013 – Apr. 2014*

Volunteered for various events related to child welfare and helping out senior citizens at Old Age homes.

### EDUCATION

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#### Bachelor of Engineering in Computer Science

7.54/10.0

*RGPV University, Lakshmi Narain College of Technology and Science*

*Jun. 2013 – May 2017*

#### Higher Secondary Education

78.2%

*St. Joseph's Co-Ed School, C.B.S.E.*

*Apr. 2011 – Mar. 2013*

#### Senior Secondary Education

7.2/10.0

*St. Joseph's Co-Ed School, C.B.S.E*

*Apr. 2010 – Mar. 2011*

### EXTRA-CURRICULAR ACTIVITIES

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- **Professional Learning:** Studied multiple courses from various MOOC platforms like Coursera and edX under domains like Cybersecurity and Programming.
- **Sports:** Ran a 10km marathon organized by Decathlon - Run for your loved one.