

Aarti Bhagtani

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Github - <https://github.com/AartiBhagtani>

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Professional Experience

BrowserStack | **Software Development Engineer in Test**

June 2019 - Present

- Built **CI Pipeline** using **Jenkins** which automated the process right from Starting the AWS machine, Deploying code and running test cases and posting results on Slack channel & E-mail.
- **Automate 200+ API** based & **Selenium** based integration test cases using Ruby, Selenium and Cucumber.
- Improved the **Regression Stability** from around **70** to **85** for System SFDC cases
- Work with **SalesForce** software and its **SFDX tools**.

MonoSystem India | **Software Engineer | Intern**

June 2019 - Present

- **Automatic Timetable Generation System** - (Genetic Algorithm, Flask, MySQL)
Developed a website for generating an automatic master timetable for K.J. Somaiya College. Data related to staff, timings, years/classes, subjects, etc are stored in the MySQL database and we can trigger the genetic algorithm which generates the master timetable for the entire week.

Projects

- **Online Shopping App** - (NodeJS, MongoDB, Stripe API)

Developed an E-commerce site using NodeJS and Express. Implemented Session based Authorization. Used 3rd party tools like Stripe for payment and SendGrid for emails.

- **News Feed App** - (GraphQL, NodeJS, Socket.io)

Created basic News Feed app with Node & GraphQL at the backend. Used WebSocket to update posts for all connected clients instantaneously and JWT token-based authorization.

- **Project Deep Blue under Mastek Ltd** - (Flask, Tesseract API)

A Web solution where users can select a type of form (Donation, membership, etc) and OCRed results of handwritten characters are produced that can be further edited for corrections and then stored.

Academic Details

VESIT

BE in IT (9.20 CGPA)

May 2019 | Mumbai, India

Technical Skills

Comfortable with -

- NodeJS | Express | EJS
- GraphQL | REST API
- Flask
- MongoDB Atlas
- Ruby | Java | Python
- HTML | CSS
- Selenium | Cucumber
- Docker

Familiar with -

- Deno | Rails
- TypeScript
- Nginx | Ansible
- Kubernetes | Vagrant

Co/Extra-curricular

- Participated in **E-Summit'17** Hackathon held in VESIT.

- Secured **17th** rank (with 1707 votes from students and public) in **Transform Maharashtra**.

- Secured **2nd** place in **Poster Making Competition** on Data Privacy Day held in VESIT.

- Secured **2nd** position in outdoor sphurti **Throwball** held in VESIT

- Secured **1st** rank in Academics in **second year of engineering**.