Name: Sagar Ashvin Vaghela   sagarv1997@gmail.com
Gender: Male   +91 9167829394
Date of Birth: 13/01/1997
Languages Known: English, Hindi, Gujarati
Address: A-1, Sheetal Apt, New Maneklal Estate, Ghatkopar West, Mumbai - 400086
College: K.J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai

Career Objective/ Summary: -

Soon to be graduated professional with software development project experience and some creative Photoshop skills. Focused, results-driven and knowledgeable in multiple computer languages. Seeking an opportunity to work as a team player and enhance various software packages.

Educational Qualifications: -

Sr. No.	Examination	Year of Passing	College/Board/ University	Percentage or CGPI	
1	B.E. (Computer Engineering)	2019	K.J. Somaiya Institute of Engineering & Information Technology	VII	8.32
				VI	8.21
				V	8.33
				IV	5.86
				III	5.82
				II	5.85
				I	5.48
2	12th HSC	2015	K.J. Somaiya College of Science and Commerce, Mumbai	60%	
3	10th SSC	2013	NMWS High School, Mumbai	78%	

Programming Languages and Software Packages: -

- **Programming Languages:** C, Python
- **Web Technology:** HTML, CSS, JavaScript
- **Database Software:** MySQL, Firebase-firestore

- **Data Exchange Technology:** XML, JSON
- **Framework:** TensorFlow, ReactJS, React-Native, Bootstrap
- **CMS:** WordPress

- **Image Editor:** Adobe Photoshop, Adobe Illustrator
- **SEO:** Google Search Engine

Academic Projects: -

- **Applicant Tracking and Scoring System (Final Year Project)**
Key Skills – Python, NLP, Node.js, Neural-Network, OCR, XML, MongoDB, TensorFlow
Corporate companies and recruitment agencies process numerous resumes daily. This is no task for human intelligence and hence an automated system will suit more to tackle these resumes.
Using Optical Character Recognition (OCR) and Natural Language Processing (NLP) our Software parses the already stacked up resumes, processes the parse data by an algorithm and scores them according to the HR-defined constraints and the pre-defined Quality Factors.

- **Optical Character Recognition for handwritten block alphanumeric characters – Deepblue Project**
Key Skills – *Python, TensorFlow*
Using Python, TensorFlow and EMNIST dataset we developed and trained the Convolutional Neural Network (CNN) to recognize the English alphanumeric handwritten characters. We were successfully able to convert a handwritten form to text format with a test accuracy of 80% and a real-time accuracy of 82%.

- **14 Niyams – 14 Rule and Jain Panchang Application for JDSS Organization - Mobile application**
Key Skills – *JavaScript, React-Native, OneSignal, CodePush, i18-n, Local Notifications, firebase*
14 Niyams is for all people who follows the Jainism 14 Rules daily, the Application lists all the 14 Rules and sync with data with firebase firestore, making it user friendly the application is available in 3 different languages, user can directly switch language In the app, proper icons and font size is used targeting housewives and old age peoples, the app also sends daily notification as reminder to follow rules, it also lists Panchang calendar which is auto generated using the Sunrise and Sunset time according to the user location.

- **Go Field Guide - Pokémon Go Companion - Mobile application**
Key Skills – *JavaScript, React-Native, OneSignal, CodePush*
Pokémon GO a popular game which has many in-game events, the time of the event are announced according to the Pacific Time Zone, this application lists all the game events with the countdown timer and users local time and sends a push notification where new events get added. The Application also lists many other features like Checklists and much more. The Application has successfully achieved more than 10,000+ download with an average rating of 4.6/5 on Google Play store.

- **KJSIEIT Online Forum and Noticeboard – TE Web Technology Project**
Key Skills – *MySQL, HMTL, CSS, php*
The Project was built to reduce the gap between students, teachers, and college technical bodies. It allowed users to post queries using their identity or anonymously. It was a role-based system, allowing the higher role to control forum. The noticeboard system allowed college teachers to post notices according to the department. Taking care of security, the sensitive user details like password were encrypted in the database. Being our 1st College project, we preferred using clean CSS instead of Bootstrap or other frameworks to understand the language in a better way and using GitHub made it easier to collaborate.

Achievements and Certifications: -
- Mastek Deepblue Season 2 Super Team Award
- NPTEL - Introduction to Modern Application Development – Elite Certificate

Extra-Curricular and Co-Curricular Activites: -
- Digital Media Manager (Core Member at Students' Council 2017-18)
- Digital Admin (Member of CSI 2017-18)
- Digital Admin (Member of Student's Council 2016-17)
- Digital Team (Member of CSI 2016-17)
- Jt. Web Designer (Member of IETE 2015-16)
- PokeWreck.com – Pokémon Go News, Updates and Resource Website - 2017
- RandomWreck.com – News Media Website - 2016
- Tym4Shopping.com – Online Shopping Deals and Discount Information Website – 2012

Web-Links: -
- LinkedIn – https://www.linkedin.com/in/sagarv1997
- Facebook – https://www.facebook.com/sagarv1997