

# OMKAR PATIL

## FRONT-END REACT-JS ENGINEER

A-202, Hari smruthi CHS LTD, Dombivali-east, Mumbai, Maharashtra | omkarlpatil123@gmail.com | 9324196046 |

### EDUCATION

#### B.E (Electronics and Telecommunication) – Mumbai University, India July 2015 – July 2019

K.J Somaiya Institute of Engineering & Information Technology (Mumbai University)

CGPA: 6.79/10

Looking forward to amalgamate the knowledge acquired through engineering along with a course on web development skills to provide the best results for the organization.

### PROFESSIONAL EXPERIENCE

#### Human Resources Intern, Grapevine Mumbai

May 2017 – March 2018

- Led a team to accomplish tasks on-ground and on social media.
- Created spreadsheets and visualized the progress of the company.
- Efficiently managed the on-ground activities arranged by Grapevine for MTV and VH1.
- Collaborated between brands and colleges for reaching out to students.
- Conducted interviews to recruit people for Grapevine.

### SKILLS

**Programming Languages:** JavaScript (ES6), TypeScript, HTML, CSS/Sass, C#, PHP

**Databases:** MySQL

**Libraries & Frameworks:** jQuery, React.js, Vue, Node.js

**Software:** Microsoft Excel, Microsoft Word, Access, PowerPoint

**Functional Skills:** Leader, Problem Solver, Analytical and Logical Thinker, Excellent Communication Skills, Team Player with a demonstrated history of working efficiently under pressure.

### ACADEMIC PROJECTS

#### Public toilets health check-up for urban slums

October 2018 - February 2019

- Our proposed project stresses on crucial aspects of public toilet sanitation conditions such as foul odor, irregular light provisions and faulty flush tanks/septic tanks.
- We have made use of HC-SR04 Ultrasonic sensor for depth detection of septic waste, MQ-05 Gas Sensor for ammonia gas detection and PIR Motion sensor to trigger the light switch 'on' or 'off' depending on whether the toilet cabin is in use or not.
- This will also ensure no electricity is wasted.
- This project turns out to be effective, efficient as well as economical and thus can be implemented in all the public toilets.

#### Automatic Parking Slot Allotment

January 2018 - April 2018

- Used Arduino Uno to increment and decrement the number of cars entering and exiting a parking lot.
- This could thereby help detect a vacant parking spot for a vehicle automatically.

#### Wireless Power Transfer

July 2017 - November 2017

- Made use of Arduino Uno to help supply electricity without the system of wires.
- Can be used to charge pacemakers without the need for pacemaker replacement surgery.
- Can be used to supply power to areas where load shedding occurs.

### CERTIFICATIONS

- The complete ReactJS course (Udemy)
- Web development masterclass (Udemy)
- Completed this project titled Public toilet health check-up under government India rural scheme.
- Data Analysis using Excel by Microsoft Visual Academy.

### LEADERSHIP & ACHIEVEMENTS

- Served as the Public Relations Officer for Institution of Electronics and Telecommunication Engineers (IETE).
- Invited 'PETA' to spread awareness regarding animal slaughter and a vegan diet during the Renaissance festival.
- Attended 1 day workshop on AI, Programming in Python, Basics of Arduino at KJSIEIT.
- Participated in the Nation Symposium on Evangelizing Internet of Things at KJSIEIT.
- Participated in a Poster Presentation held in KJSIEIT.
- 1<sup>st</sup> Runner up in a Football tournament held in college.
- Publicity head in Internet of Things cell.
- Publicity Admin in IETE Committee.
- Volunteered in Blood Donation Camp held in KJSIEIT.