

# MD MARZOOQ UR RAHMAN

Pune, Maharashtra | +91 9368416298 | [marzooq697231@gmail.com](mailto:marzooq697231@gmail.com) | [GitHub](#)

## EDUCATION

**Bachelor of Technology in Computer Engineering** (CPI – 7.69)

Zakir Hussain College of Engineering and Technology, AMU

**Senior Secondary (XII) Physics, Chemistry, Math (84.4%)**

Kendriya Vidyalaya AFS, Bareilly

Aligarh, India

Aug 2016 – Sept 2020

Bareilly

May 2015

## PROJECTS

### Glam

Sept 2020 - present

- This is a simple product management Mobile Application built with React Native with a Django rest Framework API backend at a Noida based startup Glam Studios. ([GitHub](#))

### Django Boards

5 Jul 2020 – 23 Jul 2020

- Replicating Vitor Freitas's Django Boards with slight modifications like separate Posts and Topics views, different permissions between users who can create topics and posts. ([GitHub](#))

### Mobile framework for Skin Disease diagnosis with deep learning

Aug 2019 – Jun 2020

- This was our final year project for our Bachelors, where we used deep learning to classify different skin lesions. The inference module was deployed using python/flask ([GitHub](#))

### Hostel Room allotment System

31 Aug 2018 – 16 Nov 2018

- This is a Django Application where students of a residential hall can be allotted rooms based on their seniority. It also has a grievance redressal system where students could communicate grievances about their allotted rooms. ([GitHub](#))

### Autonomous Underwater Vehicle

Dec 2017 – Jan 2019

- This project included the design, fabrication and testing of a vehicle which had the ability to maneuver autonomously in an underwater environment. ([GitHub](#))

## COURSES

### Frontend Web Development

#### Udacity

Jul 2017 – Aug 2017

- The course taught the basics of Web development (HTML, CSS, JS), and libraries like jQuery and Bootstrap with focus on responsive design. The course also covered how to consume web APIs and AJAX.

## POSITIONS OF RESPONSIBILITY

### AUV-ZHCET (Autonomous Underwater Vehicle)

Dec 2017 – Jan 2019

- As Software Team Member, I was responsible for development of vision algorithms for the vehicle with challenges like enhancing images in an underwater environment, working with different color spaces, identifying shapes as well as the control of the vehicle. I led the three-member software team which developed the first vehicle which participated in its first international competition in Singapore.

## SKILLS

- Languages** – Python, JavaScript, C++, Bash
- Frameworks/Libraries** - Django, Django Rest Framework, ReactJS, React Native, Keras, OpenCV, Bootstrap, ROS
- Tools/OS** – Git, GitHub, Jupyter Notebook, Linux