

MOHAMED SHADAB

DA-IICT, Gandhinagar, Gujarat, IN

<https://shadxx7.github.io/>

Education

Dhirubhai Ambani Institute of Information & Communication Technology, Gujarat, India

Bachelors of Technology in Information & Communication Technology

August 2016 – Ongoing

Our Own High School Al Warqa'a, Dubai, UAE

High School Graduate - CBSE

2016

Middle School Graduate - CBSE

2014

Skills

Areas of Interest: Software Architecture and Web Development.

Programming Languages: Proficient in JavaScript, HTML5, CSS3 and Python. Familiar with C/C++.

Tools & Technologies: Proficient in ReactJS and Git. Comfortable with NodeJS/Express, SQL/NoSQL Databases with ORMs and Docker. Familiar with ElectronJS, Python Flask and VueJS.

Technical Courses: Data Structures, Design and Analysis of Algorithms, System and Software, Computer Network Systems, Human Computer Interaction, Database Management Systems, Software Engineering.

Experience

Google Summer of Code '19 Intern

May 2019 - Current

Working with Computational Biology @ University of Nebraska-Lincoln to create a web pipeline for kinetic models for the simulation and results of models developed in the SBML format.

Software Engineering Intern at Yoctosehns Technologies

April 2019 - Current

Responsible for maintaining and progressing the software platform of Yoctosehns Technologies which is primarily built on Python Flask, Angular and React.

Intern at Gramin Vikas Trust

December 2017

Developed a Website which serves as an online registration portal for the Vocational Training Program of the Gramin Vikas Trust NGO. Undertook a survey across several farming households in small villages near Dahod and Lonavada, Gujarat.

Projects

DA-IICT Elections Web Application: An open source web app for conducting 100% paperless elections in DA-IICT.

Application for Hydro-Cycle Calculations: A cross-platform desktop application built on ElectronJS that simulates particular instances of the hydrological cycle. Done as part of the Environmental Studies course.

Freelance Database Project: A SQL (PostgreSQL) database project made for emulating a freelancing website. Done as a part of the Database Management System course.

Open Faculty Directory: A web app to allow users to search up faculties of different institutions in one single universal portal. Done as a part of the Software Engineering course.

Positions of Responsibility

Lead, Developer Student Club – DAIICT

January 2019 – Current

Lead of the Developer Student Club which is affiliated with the Google Student Development Activities. It involves organising and conducting several sessions, workshops, meetups and more on software development & Open Source Technologies.

Deputy Convener, Hostel Management Committee – DAIICT

April 2018 – May 2019

2nd in Command of the largest committee in the Student Body Government of DA-IICT. Responsible for all the Managerial aspects of the hostel which accommodates over 1000 students which includes but is not limited to organising drives, events, handling complaints and negotiating amenities with the institute administration.