MOHAMED SHADAB

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Education

Dhirubhai Ambani Institute of Information & Communication Technology, Gujarat, India
Bachelors of Technology in Information & Communication Technology   2016 – 2020
Our Own High School Al Warqa'a, Dubai, UAE
High School Graduate - CBSE   2016
Middle School Graduate - CBSE   2014

Skills

Areas of Interest: Web Development, System Design and Open Source.
Programming Languages: JavaScript, HTML5, CSS3 and Python. Familiar with C/C++.
Tools & Technologies: Comfortable with React, Node/Express, SQL/NoSQL Databases with ORMs, Git and Docker.
Technical Courses: Software Project Management, Design and Analysis of Algorithms, Computer Network Systems, Database Management Systems, Software Engineering and Web Data Management.

Experience

Software Engineer at Lyearn   **July 2020 – Current**
Writing modern, performant, maintainable code for a diverse array of internal projects.
Software Engineer Intern at Headout   **January 2020 – June 2020**
Worked on an in-house website builder which is built using React and Node and extended it with a fully automated domain, CDN and SSL integration system. Built an extensive frontend component framework for the website builder. Worked on several key aspects of improving the SEO of headout.com like building amp pages and auditing/optimizing structured data.
Google Summer of Code '19 Intern   **May 2019 – August 2019**
Worked with Computational Biology @ University of Nebraska-Lincoln (HelikarLab) to create a Web Pipeline for Kinetic based Bio-Models. The project involved developing a Web Interface in React which is connected to a Backend built in Node which uses Python to run certain simulations.

Projects

DA-IICT Elections Web Application: An open source web app for conducting 100% paperless elections in DA-IICT. Built with a Node and Express server and a React frontend.
Darkrai: An open source browser extension which enables you to chat with anybody visiting the same website which also facilitates a Machine Learning Model to detect hate speech. Built with React and Node.
Yoctosehns: A web platform to monitor and analyze step based activity of various cattle in massive farms with help of calculations and graphs. Built with Python Flask and React.

Positions of Responsibility

Lead, Developer Student Club – DAIICT   **January 2019 – December 2019**
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.