Idrees Dargahwala

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EDUCATION

KJSIEIT, **University of Mumbai**   Mumbai, MH
- *Second year undergraduate, Computer Engineering – GPA 8.3/10*   *2017 – 2021 (Expected)*

RELEVANT EXPERIENCE

• **Software Engineering Intern**, *KJSIEIT Software Development Cell*   June 2018 – August 2018
- Worked on the Kisan Khazana Admin application.
- Used as a data reservoir for the Kisan Khazana Android application by Somaiya Group.
- Built an MVC architecture in PHP, along with a front-end written in HTML/CSS/JavaScript.
- Also used AJAX to pass data from client to the server and deployed the application to a cloud solution.

• **Junior Cloud Application Intern**, *KJSIEIT Software Development Cell*   Jan 2018 – June 2018
- Worked on the KJSIEIT Private Cloud.
- Used OpenStack to set up the cloud from scratch.
- Implemented an efficient Neutron-like networking solution to handle small scale resources.
- Also wrote a PHP app to interact with the cloud for creating & customizing virtual machines with ease.

PROJECTS

• **Where to Park** *(WIP)*
- Built using the principles of REST, serving Node.js & Express.js as the server side frameworks & MongoDB with caching as a NoSQL database solution.
- Pin points **free** parking spots in the city of Mumbai, using the Google Maps API.
- Crowdsourced for the verification of bogus spots marked.

• **Source Me**
- A desktop application built with Electron & React.
- Gives a curated list of components or features which eases the process of developing a basic website.

• **Pothole Go**
- Detection of potholes by clicking a single picture from an Android smartphone.
- Calculates the approximate length & width of a single pothole.
- Built a service in Node.js which passes the incoming data from the client to the ML model in the backend. Also, used MongoDB as the database & Firebase for storing images.

PROGRAMMING LANGUAGES & TOOLS

• **Proficient in:**
JavaScript, Node.js, Java, REST, Express.js, PHP, jQuery, HTML, CSS, Git, Responsive Web Design, Bootstrap, MongoDB, MySQL.

ACHIEVEMENTS

• **Project DeepBlue Season 4 –** One of the top **9** finalist out of 63 teams selected from Mumbai, to give a near to perfect solution to a given problem statement.