

Bhimesh Chauhan

EDUCATION IOWA STATE UNIVERSITY, ELECTRICAL ENGINEERING

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EXPERIENCE

DataRobot, Boston — *Full-Stack Engineer*

JULY 2019 - PRESENT

- Developed Application in React to connect and write to MSSQL, RedShift, and other types of servers.
- Integrated Datarobot Tools to third party applications like Microsoft Excel, Snowflake, Tableau. Integrated testing process using Jenkins.

Pitchly, Des Moines — *Software Applications Developer*

JULY 2018 - JULY 2019

- Designed an MVC application with API design to respond to various intricate requests to play well in the application ecosystem.
- Wrote two applications in Meteor to use GraphQL endpoints in an ecosystem to help financial & legal institutions streamline data.

Nebullam Inc., Ames — *Android Application Developer, Data Scientist*

MAY 2017 - AUGUST 2018, SEPTEMBER 2018 - AUGUST 2019

- Built an android application to remotely control and monitor the plant growth on high pressured aeroponics systems to increase the yield.
- Implemented a neural network using TensorFlow to study and automate the generation of plant growth which helped raise investment.

Sodima Solutions, Miami — *Full-Stack Software Engineer*

AUGUST 2016 - FEBRUARY 2017

- Programmed 3 Million agricultural landmass datasets to purchase & lease in MeteorJS with D3JS on the Nginx server, deployed on Docker.
- Developed MVP architecture for an app in GraphQL to build NLP chatbot.

Solum Labs (Monsanto), Ames — *Full-Stack Software Engineer*

MAY 2015 - AUGUST 2016

- Redesigned the MVC model to read NFC to assist in faster and error-free data retrieval of 1500 samples per day to test nutrients in the soil.
- Constructed an API for plasma spectrometer using WAMP, Crossbar.io, D3.js, and Leaflet for visualization of 180 samples per hour.

SKILLS

Languages: Python, JavaScript (ES5/ES6), Java, C++, C#, JQuery, HTML, CSS.

Frameworks: Node, React, Redux, Meteor, Django, Ember, Angular, Android, Postgres.

Other: Git, Agile, MVC, REST API, TDD, Unit Test (chai, mocha), LINUX, OpenCV, OpenGL, MySQL, MongoDB.

PROJECTS

GIPHY: Sends fun random gif's when you text a number to be shared on multiple sources of media. Using Twilio, Giphy, and MVC.

Chrome Extension for Google Search Web Scraper: Created a RESTful chrome-extension API to scrape Google result using Java Spring MVC, Selenium Web Driver, Python, BeautifulSoup, Node JS and Flask.

Sudoku Solver: Fabricated a program that solves Sudoku using image processing, mathematical morphology and backtracking techniques using C++, Python, OpenCV which helped me understand complex problem solving.