

# BHIMESH S. CHAUHAN



in/bhimeshchauhan



bhimeshchauhan



bhimeshchauhan.github.io



515.708.1186

## EDUCATION

MAY 2018

Bachelor's of Science in Electrical Engineering with an emphasis on Computer and Embedded Systems  
Minor in Entrepreneurial Studies

## EXPERIENCE

### DATAROBOT INC.

#### FULL-STACK SOFTWARE ENGINEER

BOSTON, MA.

JUL 18 - PRESENT

- Developed app in React to perform CRUD on MSSQL, RedShift to allow clients to get predictions for business decisions.
- Integrated DataRobot to third party applications like MS Excel, Snowflake, Tableau etc. to use ML models for data analysis.
- Automate continuous delivery process using Jenkins to be able to make release process smoother and secure for users.

### PITCHLY INC.

#### APPLICATIONS SOFTWARE ENGINEER

DES MOINES, IA.

JUL 18 - JUL 19

- Designed an MVC application with API to respond to various intricate request for application developers and users experience.
- Architected two applications in Meteor to use GraphQL endpoints in an ecosystem to help financial and legal institution streamline their internal process generating value in Pitchly ecosystem as one true source of data.

### NEBULLAM INC.

#### ANDROID APPLICATION DEVELOPER & DATA SCIENTIST

DES MOINES, IA

MAY 17 – AUG 17, SEP 18 - AUG 19

- Built an android application to remotely control and monitor the plant growth on high pressured aeroponics systems to increase the yield of crops using API service running on AWS EC2 and writing to Databases to collect data for ML.
- Implemented a neural network using TensorFlow to study and automate process of plant growth which helped raise investment and automate the process of water and nutrition supply to the crops and yield using reinforced ML methods.

### SODIMA SOLUTIONS LLC.

#### FULL-STACK SOFTWARE ENGINEER

MIAMI, FL.

AUG 16 – FEB 17

- Programmed 3 Million agricultural landmass datasets to purchase and lease online for representations in MeteorJS with D3JS on Nginx server, deployed on Docker in order to make the process easier for the farmers looking to buy or sell.
- Developed the architecture for an MVP model with GraphQL to build NLP optimized chat bot application used by 5K users over 2 states to make application smoother and work with large datasets across multiple platforms.

### SOLUM LABS (MONSANTO)

#### FULL-STACK SOFTWARE ENGINEER

MIAMI, FL.

MAY 16 – SEP 16

- Redesigned MVC model to read NFC to assist in faster and error free data retrieval of 1500 samples per day to test nutrients in soil, an improved version over RFID which can carry only a few datasets over NFC improving accountability.
- Constructed an API for plasma spectrometer using WAMP, Crossbar.io, D3.js and Leaflet for visualization of 180 samples per hour making the soil testing process faster and easier for the lab technician by over 35%.

## SKILLS

APPLICATION & DATA	Javascript, Python, Typescript, Java, C++, C#, NodeJS, Express JS, Meteor JS, React JS, GraphQL, REST, MVC, MVP, D3, Leaflet, MongoDB, MySQL, PostgreSQL.
UTILITIES	Cypress, Mocha, Chai, Jest, Pytest. Babel, ESLint, Crossbar.io, WAMP, OpenCV, OpenGL, NLP, Pandas, NumPy.
DEV-OPS	AWS EC2, AWS S3, AWS Lambda, Jarvis, Travis CI, Circle CI, Docker, Kibana, Kubernetes.
BUSINESS TOOLS	JIRA, Trello, Monday, GitHub, Bit Bucket, GitLab, Vagrant, VBox