

# Madiha Javed

Corte Madera, CA

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## Experience

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### Inductive Automation

#### Application Engineer I

Jul. 2022 - Present

- Assisted customers in designing their frontend Ignition application utilizing Python and SQL scripting.
- Collaborated alongside team members creating large scale projects that customers can use as templates for their own company projects.

#### Junior Application Engineer

Dec. 2021 - Jul. 2022

- Developed and engineered projects within Ignition software using python on a monthly basis for customers use such as Role Based Menu.
- Ensured all projects met a high level design standard and implemented mobile responsive paradigms.
- Reviewed team member projects and provided feedback for improvement on a monthly basis.

#### Technical Analyst

Mar. 2021 - Dec. 2021

- Utilized the best SCADA practice with clients and became Gold certified in Ignition.
- Aided in team's support tickets which included project affecting technical solutions for customers regarding SQL, Python, and Ignition software using quick problem solving skills.
- Pinpointed software critical bugs and vital feature requests for the development team.

## Projects

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### Car Dealership Website

- Developed a Django app that queries a cloud-based NoSQL for a list of fictional dealerships and reviews.
- The reviews also feed into IBM's Natural Language Processing API to generate if the review is positive/negative.
- Gained knowledge on NoSQL, CI/CD, Django, JavaScript
- <https://mfbjcardjango.us-east.mybluemix.net/djangoapp/>

### Machine Learning Manager

- Engineered a project to run Machine learning models. Models were embedded into the Ignition environment using Apache Commons Math Library. The project was unveiled at Ignition Community Conference X.
- Utilized Ignition software and Python.
- <https://www.inductiveautomation.com/exchange/2365/overview>

## Technical Skills

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**Languages:** C, C++, CSS3, HTML5, Java, JavaScript, Prolog, Python, R, React, SQL

**Platforms:** Docker, Linux/Unix, MacOS, Vim, Windows

**Tools:** Adobe Suite, Github/Git, Ignition, LaTeX, MSSQL, MySQL, Visual Studio Code

## Education & Certification

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### University of California, Davis

#### Cognitive Science, Computational Emphasis B.S

Sept. 2015 - Dec. 2019

Coursework: Programming and Problem Solving, Software and Object-Oriented Design, Discrete Math, Machine Dependent Programming, Data Structures and Programming, Algorithm Design, Theory of Computation

### IBM Skills Network on Coursera

#### IBM Full Stack Software Developer

Sept 2022

Credential ID EWMFZNJ6BG4H

#### Developing Cloud Apps with Node.js and React

Jul 2022

Credential ID H7LWJXNMZWYN