

# MOHAN KRISHNA GANNE

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## PROFESSIONAL SUMMARY

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Pursuing Master's degree in Data Science at Wichita State University, Kansas State, a self-motivated, strategic, keen learner with self-commitment and innovation.

With three years of work experience in the ETL and visualization of Honeywell Home thermostat field data, using dashboards and development of hybrid automation frameworks based on the Java platform using test automation tools such as Selenium WebDriver, Cucumber, TestNG, and Maven for device test case automation, as well as mobile automation using Appium. With excellent analytical and troubleshooting experience

## EDUCATION

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### Wichita State University

August 2024 - May 2026

*Master's, Data Science*

- Python, Machine Learning, EDA, SQL, Data Analysis, Model Deployment, AWS, Advance Data storage

### Ramaiah Institute of Technology

August 2017 - August 2021

*Bachelor's, Electronics and Communications*

GPA: 9.13

## SKILLS AND TOOLS

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- **Skills:** Python, Java, Data Structures & Algorithms, debug, Power BI, Agile, Git, SQL, HTML, CSS, WebDriver, AWS, Selenium, Web Driver, Cucumber, TestNG, JavaScript, FrontEnd
- **Tools:** VS Code, Eclipse, GitHub

## PROFESSIONAL EXPERIENCE

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### Resideo Smart Home Technologies(HoneywellHome)

Bengaluru, KA, India

*Engineer*

August 2021 - August 2024

- Worked in an agile/scrum environment using JIRA and participated in daily stand-ups, sprint planning and backlog refinement, and sprint demonstrations.
- Develop and maintain models to quantify the relationship between frequency of failures on the field and priority of the failure, which has to be considered in fixing for the release.
- Analyzed and developed visual analytics dashboards for cross-functional teams using Microsoft Power BI.
- Assisted with ad-hoc data analysis requests from various departments within the organization.
- Used Python for data analysis and model development.
- Gathering information from the project team, including designs, developing, debugging, executing automated test cases, and preparing reports.
- Automated Android and iOS mobile applications using Appium and Selenium Java with the BDD framework for various projects.

### Resideo Smart Home Technologies(HoneywellHome)

Bengaluru, KA, India

*Engineering Intern*

February 2021 - August 2021

- Collected and preprocessed thermostat field data.
- Developed data mapping and performed ETL techniques on field data.
- Performed exploratory data analysis to identify trends, patterns, and anomalies in the data.
- Analyzed and developed visual analytics dashboards for cross-functional teams using Microsoft Power BI.
- Used SQL to retrieve and manipulate data from databases efficiently and accurately.
- Investigate and debug test failures, update or report bugs as necessary.

## CERTIFICATIONS

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- Microsoft Power BI - The Practical Guide 2024 from Udemy
- Selenium WebDriver with Java basics to Advanced + Frameworks from Udemy