

# SAI KRISHNA MOVVA JAYA

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## PERSONAL SUMMARY

Highly skilled Software Engineer with 3.5 years of experience in Python automation script writing. Passionate about creating efficient software solutions and planning to integrate machine learning concepts towards automation. Seeking to contribute expertise in building and maintaining infrastructures, software development, and problem-solving to an innovative team. Proactive, detail-oriented, and results-driven, committed to continuous improvement and exceeding client expectations.

## ACADEMIC QUALIFICATIONS

Pursuing master's in computer and information Science   <a href="#">University of Texas at Arlington</a>	(Ongoing)
Master's in Information and Network Security:   <a href="#">University of Limerick, Ireland</a>   Second Class Honors, Grade 1 (3.4 CGPA)	2018-2019
Bachelor of Engineering in Computer Science   <a href="#">SJB Institute of Technology, Bangalore, India</a>   First Class (3.4 CGPA)	2013-2017

## WORK EXPERIENCE

### [DELL TECHNOLOGIES - CORK, IRELAND](#)

#### SOFTWARE ENGINEER – JAN 2020 - MAY 2023

- Designed and developed software for platforms, peripherals, applications and diagnostics. Involvement in Qualification of DellEMC VMAX and PowerMax All Flash Storage Arrays.
- Built security automation tools and developed scripts to monitor systems, applications and networks proactively.
- Automated data extraction, transformation, and loading (ETL) processes to handle large volumes of data efficiently.
- Created and executed automation tests for our high-end storage platform.
- Writing/debugging test cases in Python within our test frame infrastructures as well as using existing internal testing tools.
- Test development and automation of test cases requiring constant interaction with both product developers, automation, and test engineers.
- Team Lead for a project named JUNIPER wherein I was responsible for documenting the requirements and working closely with other developers on automating the functionalities of an internal storage server handling webpage using selenium and beautiful soup libraries in python scripting language.
- Responsible for monitoring, reviewing and troubleshooting the software aspect of the server systems in an internal automated framework called IATD.
- Solely responsible for creating an automated framework for testing, executing and reporting of a storage handling webpage called Simplified Symmwin
- Provided various knowledge transfer sessions on automation best practices to plethora of people across the entire PowerMax platform organization.

## KEY SKILLS AND COMPETENCIES

- Programming Languages:** Python, Java, C++, PHP, JavaScript
- Software Tools:** MySQL, SQL Server, Mongo DB
- Web Tools:** HTML, CSS, JavaScript, RESTFUL API, AngularJS, React JS
- Cloud Technologies:** Microsoft Azure, CASB, Office 365, ServiceNow
- Automation Framework/Tools:** Automation Anywhere, UIPath, Selenium, PyWinAuto, JIRA, Postman
- ML Libraries:** TensorFlow, Pytorch, CoreFlow, Sklearn
- Methodologies:** Agile, SCRUM, Data Modeling, Hadoop,
- Others:** Machine Learning, RAML design, Computer Vision, GitHub, detail-oriented, Self-Directing, Excellent interpersonal skills.

## SELECTED PROJECTS

- Android application voice output based anti-fuel theft system for vehicles**– Developed an android application that provides a voice output in case fuel of a vehicle is stolen. (Undergrad final project) (May 2017)
- Application of Deep Learning on Music Genre Classification**- Used various ML libraries and deep learning techniques to classify music into different genres based on various music characteristics. (Master's research thesis) (Sept 2019)
- Juniper (Dell Technologies)**- Part of a large team that developed, tested and deployed a software component of a storage array system.

## CERTIFIED COURSES

- Machine Learning A-Z:** Hands on python & R in Data Science, certified by udemy
- Complete Python Bootcamp** certified by udemy
- Virtualization: The Big picture** certified by pluralsight
- Microservices Foundations** certified by pluralsight
- Programming Foundations: APIs and Web Services** certified by pluralsight
- Microservices: Security** certified by pluralsight
- Rest Fundamentals** certified by pluralsight
- Kubernetes** certified by pluralsight