

Rishabh Jaiswal

CS Graduate Student at the University of Florida

Gainesville, FL

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Willing to relocate: Anywhere

Authorized to work in the US for any employer

Work Experience

Technology Engineer

Amdocs - Gurgaon, Haryana

July 2019 to July 2021

- Developed process optimization scripts, self-service tools, and self-healing mechanisms for software integration.
- Developed reusable self-service tools using Python, Shell, Jenkins, Flask and deployed them using Kubernetes.
- Significantly reduced man-hours by 25% through automating reoccurring troubleshooting processes and reduced deployment time for a product by 40%.
- Optimized some legacy scripts to improve their execution time by at least 50% using multi-threading.
- Worked with 5 clients and 20+ site environments with active involvement in 10+ successful releases in production.
- Solved software integration issues on testing and production environments distributed among 150+ servers.

Research Intern

Indiana Institute of Technology (IIT) - Patna, Bihar

June 2019 to July 2019

- Developed a new deep learning model to accurately predict resource usage for cloud data centers and gained 2.5% more accuracy on the Google Cluster dataset.

Data Science Intern

Indore Communication & Consultants - Indore, Madhya Pradesh

June 2018 to October 2018

- Developed web scrapper to list and store UCI datasets on Firebase and download them from the command line.
- Implemented a POC for summarizing customer reviews on a product, based on the features being discussed for an E-Commerce platform with the summary of reviews being updated in real-time.

Education

Master's degree in Computer Science

University of Florida - Gainesville, FL

August 2021 to Present

Bachelor's in Computer Science & Engineering

Rajiv Gandhi Technical University - Indore, Madhya Pradesh

August 2015 to June 2019

Skills

- PYTHON (2 years)
- C++ (3 years)
- JAVA (3 years)
- Data science (1 year)
- Machine Learning (1 year)
- Git
- Jenkins
- Agile
- MySQL
- APIs
- JavaScript
- F# (Less than 1 year)
- Go (Less than 1 year)
- React Native (Less than 1 year)
- Akka (Less than 1 year)
- Algorithm design (1 year)
- Distributed systems (1 year)

Languages

- English - Fluent

Links

<https://github.com/rsj-rishabh>

Awards

Indore Hacks 2017 Runners-up

December 2017

It was a social hackathon organized by Enactus, the Entrepreneurship Cell of IIM Indore, in the alliance with Indore Traffic Police. The competition aimed at bringing out pragmatic and implementable, technological or business solutions to some problems faced by traffic police. It was open-to-all

competition and more than 150 teams participated in the preliminary round. 15 teams (including ours) were selected to compete in the final round held at IIM Indore, and present a B-Plan.

Certifications and Licenses

PH125.1x: Data Science: R Basics

November 2017 to Present

A course on basics of R and its usage for Data Science.

<https://courses.edx.org/certificates/c991795779864af2a0934151fc58efcb>

PH525.1x: Statistics and R

May 2018 to Present

A course on Statistics for Data Science and its implementation in R.

<https://courses.edx.org/certificates/d6ea4ac35af241f998bb10f8e1a8241c>

PH525.3x: Statistical Inference and Modeling for High-throughput Experiments

June 2018 to Present

<https://courses.edx.org/certificates/793990473ba74e6485978a320577382c>

Introduction to Linear Models and Matrix Algebra

June 2018 to Present

<https://courses.edx.org/certificates/53095412cb8142f2844777a576ba7eea>

Groups

Volunteer - Indore Technical Community

December 2015 to December 2019

Organize the Hour of Code campaign every year during Computer Science Education Week. We also do independent workshops and meetups in Indore.

Publications

Deep learning-based multivariate resource utilization prediction for hotspots and coldspots mitigation in green cloud data centers

https://www.springer.com/-/3/AXxiKuGs58yas_ZmxkCX

December 2021

k Stacked Bidirectional LSTM for Resource Usage Prediction in Cloud Data Centers

https://link.springer.com/chapter/10.1007/978-3-030-76736-5_14

September 2020