

# ROHAN KARLE SUDARSHAN

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## Education

### University of Illinois Chicago

*Master of Science in Computer Science*

**Aug. 2023 – May 2025**

*Chicago, Illinois*

### Visvesvaraya Technological University (VTU)

*Bachelor of Engineering in Computer Science - 3.71/4.0*

**Aug. 2019 – May 2023**

*Bangalore, India*

## Experience

### Make A Difference (NGO)

**Jan 2021 – May 2023**

*Data Analyst Intern*

*Bangalore, India*

- Utilized SQL to scrutinize extensive datasets, uncovering patterns and extracting valuable insights, leading to a significant 29 percent enhancement in operational efficiency.
- Oversaw Tableau dashboards to visually represent key metrics, contributing to improved decision-making within a client project aimed at boosting sales.
- Performed A/B testing on marketing initiatives to assess their effects, resulting in a notable 14 percent rise in customer loyalty.

### Sain Informatics PVT LTD

**Jan 2023 – May 2023**

*Full Stack Web Developer*

*Bangalore, India*

- Developed a website which gives information about crypto currencies and manages user information.
- Used several tools such as HTML, CSS, MongoDB and Node.js.

### Nano Kernel Limited

**July 2022 – Sep 2022**

*Software Developer Intern*

*Bengaluru, India*

- Architecting the solution for a bus scheduling system, implementing and executing the process.
- Timely management of the delivery of the product Communicating the process and status of the product with the clients as well as timely management of the delivery of the product.

### Healthonnet INTL Ltd

**Oct 2021 – Dec 2021**

*Machine Learning Intern*

*Bengaluru, India*

- Developed a Service Portal using Internet on Things(IOT), AI and Machine Learning.
- Architecting the production for the product, implementing and executing it.

## Projects

### An effective Counterfeit medicine authentication using Blockchain and IoT |

**Aug 2022- Apr 2023**

- Developed a system using React.js, Ethereum, Metamask, Smart Contracts, Node.js, HTML and CSS that provides a platform for the supply chain owners to login and authenticate the packages and track them for smooth functioning of the process.
- Used Raspberry pi and temperature sensors to monitor the breakage of the seal of the package. This is to verify and confirm whether or not the package was opened.

### Heart Disease Prediction using Machine Learning Techniques |

**Sep 2021 - May 2022**

- Developed a system to predict heart disease in humans which uses various machine learning algorithms.
- Considered several factors such as the age, gender, if the person is a smoker or diabetic and the blood pressure of the person to make the predictions.

## Technical Skills

**Programming Languages:** C/C++, Python, Java, JavaScript, R, PHP, HTML CSS.

**Web Technologies :** SPSS, Bootstrap, Flask, Django, Numpy, Selenium, Matplotlib, Pandas, Angular.js, React.js.

**Cloud/Database:** MongoDB, MySQL ,Redshift.

**Libraries/Data Processing:** Scikit Learn, Numpy, Keras, Matplotlib.

## Leadership / Involvement

- **In progress AWS Data Engineer Certification**
- Worked as a coordinator of IT Virtuoso Club of Computer Science and Engineering department of Global Academy of Technology and have hosted many technical and non technical events for my peers.
- Completed a course “Step into Robotic Process Automation v4.0” which involves in the processing of a bot.
- Been awarded as the Best Outgoing student in my Undergrad for Bachelors in Computer Science.