

# ISHAN NERE

Hammond, IN

-Email me on Indeed: <http://www.indeed.com/r/ISHAN-NERE/855ddafb50463372>

## Work Experience

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### Controls Engineer

Lear Corporation - Hammond, Indiana, US

April 2023 to Present

- Worked with PLC programming, RSLogix, Siemens, HMI programming
- Designed with using AutoCAD and other CAD systems, Matlab, Simulink, Programming Robots and functions, Torque tools, their programming and interface, Servo driven equipment, RFID and barcode equipment and programming
- Worked with Basic knowledge and understanding of distributed I/O systems
- Worked on the only innovation government project across United States which will logics and transfers data of 1.02 million robots on KepserverEx which reads BLV level OE BLC data from Marriage robots, Transfer robots and Cobots (powered by Ultrason Software) to the Altor server. Deployed the same with Excel powered Visual Basic Macros in case Kepware is updating. Web Server outputs the metrics for good torques and bad torques from the PLCs in real time for each individual shifts through vpn tunnelling with web at work

### Consultant I Tier IV

Capgemini - Chicago, Illinois, US

March 2022 to Present

- Worked with Clients in their digital transformation journey
- Worked on Spring Boot, Spring Core, Spring DATA, Spring AOP and SQL knowledge
- Worked with migrated and modernized workload into the cloud using Docker, AWS, Microservices and Kafka
- Worked with McDonald's Allen Bradley robots under Neural Networks which were implemented within 9 seconds derivating individual efficiencies at each line across McDonalds

### Advisor

Agero Inc - Hammond, Indiana, US

October 2022 to December 2022

- Working on Client accounts, cases and dispatches
- Worked on disposition of funds over \$500 Million USD

### Advisor

Coach Inc - Hammond, Indiana, US

August 2022 to December 2022

Working on retail and outlet customers on Tapestry and IBM Sterling via Thinscale

### Advisor

Concentrix - Toledo, Ohio, US

January 2022 to May 2022

Advising customers with TurboTax, QuickBooks and Mint

## **Java Developer**

ReThink IT Solutions - Toledo, Ohio, US

May 2021 to March 2022

- Creating UML diagrams such as Use Cases, Class Diagrams, Sequence Diagrams and flowcharts for the Optimization module using Microsoft Visio and UML
- Developed code using Java, J2EE, Web Services, customized spring using JISI framework
- Written unit testing and integration testing using Junit4, Mockitos and AOP method interceptors
- Used ANT for building the application and deployed on Application Server
- Used Log4j and commons-logging frameworks for logging the application flow
- Integrated Backend data base by using Hibernate
- Deployed application in Web Sphere server
- Worked on zxing for barcode generation system

## **Full Stack Developer and Business Systems Analyst**

ReThink IT Solutions - Claremont, California, US

May 2021 to March 2022

- Working on Frontend, Middleware and Backend of Seedstages Webapp
- Assigning project deliverables to co workers
- Updating CEO with successful completion of individual projects
- Worked on driver drowsiness system using Machine Learning and AI software against equities

## **Full Stack Developer co-op**

Articence Inc - Pleasanton, California, US

January 2021 to May 2021

- Worked on Articence Inc Webapp(JobsDecoder.com) with React as Frontend and Flask as Backend
- Successfully tested and deployed entire real time database of Articence Inc of more than 800,000 lines of code into interactive Heatmaps and Graphs
- Side projects over weekend involved Python AI Neural Networks coding and Machine Learning driven projects

## **Peer Mentor for EECS**

The University of Toledo

August 2020 to December 2020

2500 and EECS 2510, The University of Toledo

- Mentoring Sophomores and Juniors projects and exams in private class for EECS 2500: Linear Data Structures (Java) and EECS 2510: Non Linear Data Structures (C++)

## **Web Master at EECS Department**

The University of Toledo

August 2019 to December 2019

- Admin of the University Website for EECS Department
- Worked on the front-end of the website and made changes as per advised by Department Head with HTML scripting

## **Web Developer co-op**

eMsys Solutions Pvt Ltd

May 2019 to August 2019

- Worked on the front-end of websites using HTML 5, CSS3 and JavaScript
- Worked on the back-end development of websites using PHP and MySQL enhancing Machine learning fundamentals

### **Android Development co-op**

eMsys Solutions Pvt Ltd

May 2018 to August 2018

- Test-driven development projects were worked on to contribute to eMsys's high-quality, maintainable CRM software
- Successfully coded and tested private side projects such as snapchat app, private uber app and private instagram app with Google Firebase server and World news app and AI cameras

## Education

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### **Master of Science in Computer Engineering**

Purdue University - Hammond, Indiana, US

August 2022 to August 2023

### **Bachelor of Science in Computer Engineering**

University of Toledo - Toledo, Ohio, US

August 2015 to December 2021

### **Merit Holder**

University of Toledo

## Skills

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- React
- C
- JAVA
- Flask
- JavaScript
- Android
- PHP
- RSLogix5000
- Altor Server
- C++
- CSS
- Neural Networks
- Python
- C#