

# ISHAN ARYENDU

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## EDUCATION

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### Master of Computer Science

Expected Dec, 2023

Stevens Institute of Technology, Hoboken, NJ

Relevant Coursework: Software Architecture & Component-Based Design, Software Testing, Quality Assurance and Maintenance, and Software Development Tools and Techniques.

### Bachelor of Technology, Computer Science and Engineering

2014 - 2018

College of Engineering and Technology, Bhubaneswar, India

Relevant Coursework: Data Structures and Algorithms, Database Management Systems, Operating System, Artificial Intelligence and Software Engineering.

## Projects

- **Soil detection:** Used a CNN for detecting the type of soil in the farmland to recommend suitable crops to grow in the field.
- **Load Balancing in Cloud Computing:** Used the forest optimization algorithm to improve the average response time and reduce the total execution time of the processes under heavy load using CloudSim.

## SKILLS

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### Programming Languages

Java, Python, SQL, Go, C, JavaScript

### Tools and Frameworks

Java EE, SAP PO, Hadoop, Spark, Git, Unix, Tensorflow, Pandas, NumPy

### Database

MySQL 5.6, Oracle 11c, PostgreSQL, SAP HANA, MongoDB

### Licenses & Certifications

AZ 900, DP 900, Version Control with Git - Atlassian

## WORK EXPERIENCE

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### Analyst

Sep 2021 - Dec 2021

Deloitte India Offices of the US

*Bengaluru, India*

- Improved the transportation and consignment tracking service support system to reduce complaints by 10% during the end of season sale.
- Implemented the integration of SAP S/4HANA and Apache Pulsar for real-time and batch data processing along with collection of application logs.

### System Engineer

Jun 2018 - Aug 2021

TATA Consultancy Services

*Mumbai, India*

- Designed, developed and reviewed integration objects for the client's e-commerce portal, achieving more than 30 percent growth in revenue using SAP PO, Rest APIs, and SAP BW/4HANA.
- Implemented and configured the disaster recovery system for better security and robustness of the client's business.
- Trained a team of 4 integration developers over 6 months for the upgrade of the client's SAP ECC system to SAP S4/ HANA and integration of the payment gateway with the client's website which led to faster transaction processing with 15% reduction in waiting time.

## EXTRA-CURRICULAR ACTIVITIES

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- Volunteered for preparing question banks, and study material in geography for CBSE 11th grade students on Deloitte Impact day.
- Volunteered for TCS Maitree as mentor in mathematics for kids in grade 4-6 during the pandemic.
- Volunteered for TCS Maitree in Versova beach Cleanliness Drive.