

# Kanishk Ingle

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## Education

### National Institute of Technology,Goa

April 2020 - May 2022

Masters of Technology in Computer Science (GPA : 7.94/10 )

Cuncolim, Goa

- **Relevant Coursework:** Foundation of Cryptography, Data warehousing and Data mining, Advanced Algorithms and Analysis, Mathematical Foundations of Computer Science, Advanced Computer Architecture

### Dr. J. J. Magdum College of Engineering , Jaysingpur

Aug 2016 - Mar 2020

Bachelors of Engineering in Computer Science (Percentage: 78.94 % )

Kolhapur, Maharashtra

- **Relevant Coursework:** Data Structures and Algorithms (C++), Operating System, Computer Networks, Linear Algebra ,Theory of Computation, Compiler Design

## Experience

### Carrier

May 2022 – Present

#### Full Stack Developer/ Software Engineer

Hyderabad, Telangana

- Designed web-based application using **React** for the **Lynx Fleet Team** (Carrier Transicold) by gathering requirements from stakeholders; Integrated with **.NET Core** to establish backend endpoints.
- Analyzed telemetry data using **Azure Databricks and PySpark** to improve Refrigeration Cycle performance by **12%** for Cold Chain Container. built BI Dashboard, saving time and cost.
- Migrated the Admin Portal for the **Kidde Team** ,upgraded from **AngularJS** to **Angular 16**. Refactored and optimized over **10,000** lines of code,enhancing operational efficiency and reducing response times by **40%**.
- Enhanced the **Alexa Skills** for Smoke Detector Devices to extend support for 3rd Party **Smart Home** Devices using **GoLang**.

## Projects

### Design of Self Sovereign Identity in Supply Chain 🔗 | Solidity, Remix IDE , Truffle Suite - Ganache, Javascript , Cryptography

- Orchestrated a detailed distributed Network of Supply Chain simulation, integrating **Smart Contracts** to visualize product transitions and supply chain dynamics; optimized inventory management, resulting in a **15%** reduction in holding costs .
- Evaluated and Enhanced the speed by **7%** of the DLT System using tool **Hyperledger Caliper**.
- Researched on **Self Sovereign Identity** as novel Authentication for Distributed Ledger System.

### Try On Dressing 🔗 | Deep Learning, Python, Web Development, Computer Vision, HTML, CSS, Bootstrap

- Build Fashion Website to Superimpose the Dresses on the Person's Image with 83% efficacy.
- In the backend, ran the **SCHP** (Self Correction for Human Parsing ) model to superimpose the clothes on person.
- Analyzed the **VITON** dataset and trained the **GAN** (Generative Adverarial Networks) Model to enhance the pose estimation and get accuracy **93%**.

### Library Management Application 🔗 | Java,Swing, MySQL

- Created **Desktop Application** with **Swing UI** to Manage the Books related Data and perform manual entry of users in the **SQL database**.
- the administrator can log the ledger for the bookkeeping and perform tasks related to **inventory management** in the system.

## Technical Skills

**Languages:** Python,GoLang, C++,C#,HTML, CSS, TypeScript, ReactJS ,Java, Javascript.

**Technologies:** React.js, AngularJS, PySpark, Azure , AWS, ASP.NET, GIT ( Version Control ,PostgreSQL).

**Concepts:** REST APIs,XML, Software Development Life Cycle, DevOps , CI/CD, Agile Methodology,JIRA, Object-Oriented Programming.