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

Evoke Technologies   May 2024 - Present
Full-Stack Developer / Software Developer   *Hyderabad,Telangana*

- Handling the Traffic Dept. for the client - **Clopay**, UI/UX development to increase the operational efficiency by 15% . Responsible for maintaining and supporting Inventory ,Vendor Management and Order Processing .
- Active Development on **CDQ** platform APIs, responsible for Garage door operations and the commercial line of business to deliver High Quality Code.

Carrier   August 2022 – May 2024
Backend 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,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 the tool *Hyperledger Caliper*.
- Researched on **Self Sovereign Identity** as a novel authentication for distributed ledger systems.

Try On Dressing ⬡ | *Deep Learning, Python, Web Development, Computer Vision, HTML, CSS, Bootstrap*

- Built a fashion website to superimpose the dresses on a person's image with 83% efficacy.
- In the backend, ran the **SCHP** (Self Correction for Human Parsing) model to superimpose the clothes on the person.
- Analyzed the *VITON* dataset and trained the **GAN** (Generative Adversarial Networks) model to enhance the pose estimation and achieve 93% accuracy.

Nerve 🤖 | *Android Studio, Python, Flask, Optical Character Recognition, Firebase*

- Developed **Mobile Application** to scan the prescription written by Doctor with over 83% effectiveness.
- Added Features for searching near by Pharmacies within the app and get list of necessary information about 10K+ medicines.

Technical Skills

Languages: .NET Core , Angular 16 , C++,C#, Go , Java, Springboot, Typescript, ReactJS , JavaScript.
Technologies: MVC Architecture, CI/CD pipelines, Docker , AWS, Azure, Apache Kafka, GIT ,PostgreSQL.
Concepts: REST APIs, Software Development Life Cycle, DevOps, Agile Methodology,JIRA, Object-Oriented Programming.