

# KOUSHIL MANKALI

## MERN Stack Developer

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## EXPERIENCE

2022-04-11 – Present (3.3+ Years)

### Full Stack Developer (MERN)

ITalent Digital, Hyderabad

#### iTD Agent (Agentic AI)

- Built an **AI** based Microsoft **Teams** and Custom Next JS and Node JS based application for managing different employees related request submissions such as, Employee leave management, Employee Travel System (Carbon Neutral Analysis), Reimbursement request etc.
- Using **AI (Google Vertex AI & Open AI GPT)** for ease of request submissions in the form of chatting, and Notification System for the Manager and Requestor.

#### ICICI Document Editor

- Built a **Document Editor** using React JS and **PSPDFKit** for Microsoft D365 CRM for a bank, which supports different documents Formats for viewing and editing example, **EML & MSG** (Email Formats), PDF, Doc, Docx, Tif, **Tiff (old format Tif)**, JPEG, PNG, PPT, PPTX, CSV, etc. Which handles huge files too with ease.

#### Khoros AI Bot

- Built an **AI (Open AI GPT 3)** based react application for a CRM application to summarize the article comments and give users a best answer after analyzing all the comments in the article to improve user experience, and some other useful **AI based tools** for the CRM.

#### Sephora

- Built an Image Gallery Viewer component for the Sephora internal team, and written many test cases for the backend Nodejs application for different functionalities.

#### Dynamics 365 Power Platform Migration

- Worked on Microsoft Power Platform Community migration from Khoros platform to Microsoft owned Dynamic D365 platform, for customizations used JavaScript, and for automation (mails, likes, comments, etc.) Power Automate, Power Apps, and for Server-Side logic used C# language where I have handled article manipulation before publishing.
  - Received Bonus for my work in D365 Artificial Intelligence Implementation.
  - Received the iTD WOW Award for my exceptional contribution to the project.

#### CISCO Reimagined

- Worked on Khoros CRM application customizations and custom developments using JavaScript, where I have worked on customizing Cisco Khoros CRM, advanced filtration of the community articles with advanced conditional filtration options visibility and filtering data based on the filters, and other UI customizations for ease of access.
- Worked on **Google and DeepL language translation** tools for translating entire website content for different projects using JavaScript, with **minimum API calls** and **better performance**.
  - Received the iTD Spot Perk Award for my contribution to the project.

2021-07-21 – 2022-03-31 (8 Months)

### Jr. Software Developer

Amoghnya Tech Solutions, Hyderabad

#### ERP Application

- Worked on Backend of an ERP application for Pet Store where each branch can Purchase and Sale products, check stock details, also manage ledger accounts.

- This Application helped Pet Store to manage them all their branches stock details, sales and purchases ledger accounts and maintain a complete record of users and there are transactions Also, I have integrated **Coupon and Membership card system** in the application.

## **Learning Management System**

- Worked on Frontend for an Online Course Selling and Users Management application where admin will be able to add video courses and manage their users.
- Here we have integrated **Razorpay for payments**, which also had KYC verification if the customers want to become part of selling courses it is like chain system.

## **EDUCATION**

<b>B. TECH in Computer Science and Engineering</b>	(2017 – 2021)
Kshatriya College Of Engineering, Armoor	(70.3% score)
<b>12<sup>th</sup> Board   MPC</b>	(2015 – 2017)
SR Institutions, Nizamabad	(64% score)
<b>10<sup>th</sup>   Secondary School Education</b>	(2015)
Kakatiya Institutions, Nizamabad	(83% score)

## **SKILLS**

### **AI Skills**

AI Agent, Agentic AI, AI Workflows, Open AI (GPT 3), Google Vertex AI, Azure Open AI

### **Front End Skills**

JavaScript, TypeScript, React JS, Next JS, Redux, Apollo GraphQL Client, Formik, React Router, Bootstrap, Ant Design, Tailwind CSS, HTML, CSS, SCSS, Astro

### **Back End Skills**

Node JS, Nest JS, Express JS, MongoDB, Mongoose, SQL, Apollo GraphQL Server, Microsoft Teams Bot Framework, Astro

### **Cloud Skills**

Azure ADO, Azure Functions, Azure Blob Storage, Azure Apps, Azure Open AI, Azure Web Apps, Google Vertex AI, Hosting.

### **Web Services**

REST API, GraphQL

### **Tools**

Webpack, Vite JS, Postman, Git, GitHub, Bitbucket, GitLab, Jest, Markdown, VS Code IDE, NPM, Yarn

### **Low Code Skills**

Dynamics 365 CRM, Power Apps, Power Platform, Power Pages, Power Automate, XRM Toolbox

## **AWARDS & RECOGNITION**

- **iTD Spot Perk** for my contribution to different projects and handling multiple projects without issues.
- **iTD WOW / Rockstar** for my exceptional contribution to the Artificial Intelligence implementation in the Microsoft D365 community platform.
- **Received Bonus** for my contribution to the Artificial Intelligence implementation in the D365 community platform.

## **PERSONAL PROJECTS**

### **Covid Help Disk using MERN Stack** [GitHub Code Link](#) | [Live Site](#)

May 2021 – May 2021 (1 Week)

- In the covid 19 pandemic more people are dying just because they are unable to find a hospital where there is oxygen, beds and medicine available in the other end in some hospitals they are going waste just because of mis management or not using them efficiently.
- With the help of Covid Help Disk people can find hospitals where oxygen, beds and medicine are available and can go to that hospital directly without wasting time searching by visiting all nearby hospitals.

### **Zomato Frontend Clone using React JS** [GitHub Code Link](#) | [Live Site](#)

Jun 2022 – July 2022 (40 days)

- Built entire Zomato customer facing frontend application using React JS, with proper styling and responsiveness and used many JavaScript Web APIs, like Intersection Observer for latest features.

### **Netflix Clone using React JS** [GitHub Code Link](#)

Dec 2022 – Dec 2022 (10 days)

- Fetching Netflix data about latest movies and web series from API and providing information to users about those movies and series with their trailers.

### **Udemy Frontend Clone React JS** [GitHub Code Link](#) | [Live Site](#)

- Built Udemy frontend features, Courses listing, Authentication, User Profile, student dashboard, teacher dashboard, Course creation, update, delete pages, course details pages, course content with **collapsible tab view**.
- Integrated with **Paytm Payment Gateway** for Purchasing courses and Integrated **SMTP** to send **E-Mail conformation**.
- Providing Video Creator with Dashboard for uploading and managing their Courses.

### **Text to Speech App using Vue JS** [GitHub Code Link](#) | [Live Site](#)

Sep 2022 – Sep 2022 (2 days)

- It's a text to speech app developed using Vue JS with plain JavaScript Browser built in Web APIs.

### **Blog CMS (Blog Content Management System) using PHP & MySQL** [GitHub Code Link](#)

Jun 2020 – July 2020 (2 Months)

- It is a Content Management System like **WordPress** created using PHP and MySQL.