

# KARTHIKEYA GOUD

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## SUMMARY

I have 2.5 years of experience in software engineering, specialising in web development technologies. I am a highly motivated and passionate developer with a strong focus on building quality products and solving complex problems.

## WORK EXPERIENCE

**Tata Consultancy Services** | Full-Stack Developer | Hyderabad, Telangana | Jul 2022 – Present

- Built a user interface for an AI chat application using **ReactJS**, **Redux** and **CSS**.
- Integrated a feature to format and download the conversation history of individual chats into a .docx file.
- The chatbot helped our team reduce task ETAs by **20%**, boosting efficiency and lowering operational costs.
- Followed **Agile methodologies** to design and develop a file management interface that greatly improved the organization's directory structure, resulting in efficient file and folder management.
- Achieved a good **30%** reduction in time spent on file management tasks, optimizing efficiency and reducing operational costs by a solid **\$50k** per year.
- Worked with backend services such as **NodeJS** and **ExpressJS** to seamlessly integrate **REST APIs** with the frontend.
- Utilized **MongoDB** to store and manage the user records of the application.
- Integrated **Microsoft Authentication Library(MSAL)** for a secured user authentication.

## PROJECTS

**E-Commerce Website**(Skills: *NodeJS, MongoDB, ReactJS, ExpressJS, Tailwind CSS*) - [Github](#)

- Developed a user-friendly online shopping platform utilizing **MongoDB** for database, **ExpressJS** and **NodeJS** for backend and **ReactJS** and **Tailwind CSS** for frontend.
- Seamlessly integrated essential features including a shopping cart, user authentication system, simulated payment gateway, and order tracking functionality.
- Ensured optimal user experience across various devices through **responsive design** and deployed the website using **Google Firebase**.
- Access the deployed website here: <https://sparkmart-b839b.web.app>

**CRUD Application**(Skills: *ReactJS, Redux, NextUI, Tailwind CSS, Django, MySQL, Docker*) - [Github](#)

- Developed a responsive web app with **ReactJS** and **NextUI** and deployed it on **GCP**.
- Set up an efficient API integration with **Django** for creating, reading, updating and deleting items in the database.
- Configured a **MySQL** database to run locally in a **docker** container and handle application records.
- **Dockerized** both the **frontend** and **backend** containers, and configured **Nginx** to handle **SSL certification** and manage incoming traffic to these containers hosted on the VM.

## TECHNICAL SKILLS

- **Programming Languages** | C, Java Script, Python (Flexible with any language)
- **Front-End** | ReactJS, Redux, NextUI, Tailwind CSS
- **Back-End** | NodeJS, ExpressJS, Django
- **Databases** | MongoDB, MySQL
- **Others** | Docker, Git

## EDUCATION

**VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad**

Aug 2018 - Aug 2022

- B.Tech in Electrical and Electronics Engineering
- CGPA : 8.21/10