

# Mantresh Kumar

Chennai, Tamil Nadu, India

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## SUMMARY:

I have worked as a full-stack developer with experience in developing technology solutions for web, mobile, desktop, and embedded systems.

## TECHNICAL SKILLS:

- **Frontend** - ReactJS, NextJS, TypeScript, Tkinter, PyQt5
- **Backend** - Node.js, Express.js, Flask
- **Frameworks** - Flutter, React Native, Django
- **DevOps** - Docker, AWS, GCP, Kubernetes
- **Databases** - MySQL, MongoDB
- **Version Control** - Git, GitHub, GitLab

## EXPERIENCE:

**Software Developer (SD)** - Spyxpo | September 2019 - June 2024

- **iOS Development:**
  - Played an integral role in the development and maintenance of Spyxpo's proprietary operating system.
  - Played Improved system efficiency by 20% through advanced system-level programming and kernel enhancements.
- **Spyxpo App/Website:**
  - Spearheaded the development and continuous improvement of customer-facing platforms.
  - Achieved a 40% increase in user satisfaction through exceptional UX design and feature integration.

## PROJECTS:

[\[Link\]](#) **Twitter Toxicity Detection Flask - Open Source**

**Tech Stack:** Flask, scikit-learn, Tweepy API, HTML, CSS, JavaScript

- Developed a hate speech detection model using Logistic Regression and CountVectorizer.
- Achieved accurate toxicity prediction for tweets, providing detailed toxicity metrics.
- Integrated Tweepy API for fetching tweets and user data, enhancing user experience with engagement metrics.
- Created a responsive UI with Flask templates and supported windowed GUI with WebView.

[\[Link\]](#) **App Updater Flutter Package**

**Tech Stack:** Flutter

- Delivered a concise and efficient implementation for app update functionality.
- Facilitated quick integration and reduced development time for app maintenance.
- Provided dismissible options for flexibility and improved user satisfaction.

## EDUCATION:

- **SRMIST**, Chennai, Tamil Nadu, India | B. Tech CSE | June 2023 - May 2027