

# Unlocking Infinite Possibilities: Elevate Your Business with Cutting-Edge AI Services Tailored to Your Success

## CHATBOTS

**Deployment :** Instagram, Telegram, Whatsapp, Custom Website

**Automated Responses:** A chatbot can handle routine customer queries, providing instant responses to frequently asked questions. It can be programmed to understand and respond to specific technical inquiries.

**Data Collection:** Chatbots can gather valuable information from users during interactions, helping in lead generation and customer profiling.

**Product Recommendations:** Based on user preferences and behaviour, chatbots can provide personalized product recommendations using advanced algorithms.

**Internal Processing:** Chatbots can streamline internal processes by automating tasks such as data entry, scheduling, and information retrieval, improving overall efficiency.

**Integration with Systems:** They can be integrated with existing business systems, databases, and APIs to fetch and update information as needed.

**User Feedback:** Chatbots can collect feedback from users after interactions, helping businesses understand customer satisfaction and areas for improvement.

**Code Link of a previous IVR chatbot created :** <https://github.com/goeladityx/cogen-tron>

## CUSTOMER PROFILING

**Data Collection and clustering:** Collecting data from various sources such as customer interactions, transactions, website visits, social media, and other touchpoints and Using clustering algorithms to group customers with similar characteristics, identifying segments or personas.

**Classification Models:** Employing classification models to predict customer attributes or behaviors based on historical data.

**Recommendation Systems:** Implementing recommendation algorithms to suggest products or services based on customer preferences.

**Churn Prediction:** Building models to predict the likelihood of customer churn based on historical patterns and behaviour.

**Next-Best-Action Prediction:** Forecasting the next action a customer is likely to take, such as making a purchase or engaging with specific content.

**Sentiment Analysis:** Analysing customer sentiment in textual data (e.g., reviews, feedback) using NLP techniques to understand satisfaction levels.

**Topic Modeling:** Identifying topics and themes in customer feedback to gain insights into specific areas of interest or concern.

**Scalable Architecture:** Designing systems that can handle large volumes of data and scale as the customer base grows.

**Code link to a customer specific recommendation system :**

<https://github.com/goeladityx/Recommendation-System>

## LOGISTICS AND INTERFACE COMPATIBILITY



### Order Processing and Tracking:

**NLP for Order Understanding:** Implementing NLP algorithms to extract and understand information from order-related messages, invoices, and documents.

**Computer Vision for Barcode Scanning:** Using computer vision to automatically scan and interpret barcodes on packages, aiding in accurate order tracking.

### Inventory Management:

**NLP-driven Inventory Updates:** Applying NLP to process textual data, such as inventory reports and supplier communications, to update inventory levels and manage stock more effectively.

**Computer Vision for Object Recognition:** Employing computer vision algorithms for recognizing and categorizing items in the warehouse, facilitating automated inventory management.

### Route Optimization:

**NLP for Traffic Analysis:** Utilizing NLP to process and analyse textual information about traffic conditions, road closures, and other relevant data for dynamic route optimization.

**Computer Vision for Real-time Monitoring:** Integrating computer vision systems to monitor road conditions and identify potential obstacles or delays in real-time.

### Warehouse Automation:

**NLP for Voice Commands:** Integrating NLP to enable voice commands for warehouse operations, allowing workers to interact with systems hands-free.

**Computer Vision for Robotics Navigation:** Employing computer vision to enable autonomous navigation for robots within the warehouse, avoiding obstacles and optimizing picking routes.

### Document Processing:

**NLP for Document Understanding:** Implementing NLP algorithms to extract information from shipping documents, invoices, and customs forms, automating the processing of paperwork.

**Computer Vision for Document Recognition:** Using computer vision to recognize and interpret printed or handwritten text on documents, improving accuracy in data extraction.

### Quality Control:

**NLP for Quality Assurance Reports:** Applying NLP to analyse quality assurance reports and identify patterns or trends related to product quality.

**Computer Vision for Defect Detection:** Utilizing computer vision to inspect products for defects or damages during the shipping and receiving processes.

### Previous works with code examples :

- <https://github.com/goeladityx/sustainable-traffic>
- <https://github.com/goeladityx/ab-inbev>

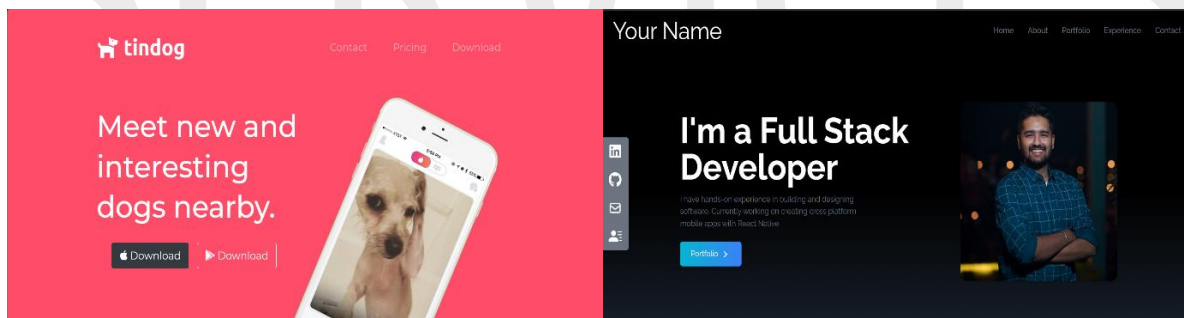
## Crafting Digital Excellence: Elevate Your Presence with Bespoke Website and App Development Solutions

### Website Development

**Services and integrations:** Chatbots, genAI content, Forms and Surveys, Authentication Services, Payment Gateways, Visualization and charts

**Domains:** Information Websites, Landing Pages, eCommerce , Health and Fitness, Real Estate, News and Blogs, Education, Social Media, Finance

**Technology used:** ReactJS, Next JS

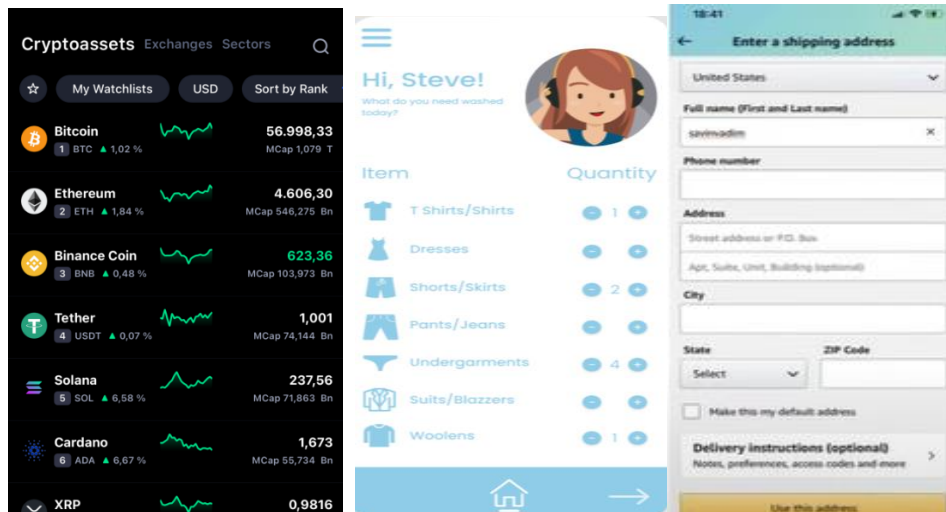


### App Development

**Services and integrations:** Chatbots, genAI content, Payment gateways, maps and location services, music integrations, push notifications, authentication, media

**Domains:** FinTech, eSports, eCommerce, Healthcare, genAI apps, Social Media, Media and Entertainment, Automotive, Travel and Hospitality, Productivity

**Technology used:** React Native



## Backend Services and containerisation services

Can replicate databases like fast food ordering systems, management systems like hostel management, employee management.

**Technologies used:** AWS RDS, MySQL, Docker, ExpressJS, NodeJS, MongoDB

**Work example:** <https://github.com/TEJASVISJAIN/Pizza-Delivery-Backend>

SERVICES