

# CHAT BOT DEVELOPMENT

**CASE STUDY**

Presented By  
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# 1. BOBO – CHATBOT-MESSENGER

**Bobo - ChatBot-Messenger**

- **Android Studio Koala**
- **Clean & Organized Code**
- **Easy to Restyle & Theming**
- **Used Java Langauge**
- **Advanced Settings**
- **Well Documentation**

## PROJECT OVERVIEW

Bobo is an AI-powered ChatBot-Messenger solution to automate customer support, lead generation, and user engagement for businesses. The client needed a scalable chatbot that integrates seamlessly with their website and social channels to reduce manual work and improve response times.

### CLIENT REQUIREMENTS

- Website & Messenger chatbot
- AI/NLP understanding
- Custom flows for FAQs & leads
- CRM integration
- Admin dashboard

### OUR SOLUTION

We developed Bobo – ChatBot-Messenger featuring

- NLP with Dialogflow
- Website + Messenger integration
- Customizable flows
- CRM data sync
- Analytics dashboard
- Live chat fallback

### RESULTS

- 80% faster responses
- 2.5x more leads
- 24x7 availability
- 65% fewer manual tickets

### KEY TECHNOLOGIES USED

- Node.js (Express)
- Dialogflow for NLP
- React.js (Admin Dashboard)
- Facebook Messenger API
- MongoDB database
- WebSocket for real-time chat

### IMPACT & RESULTS

- 80% reduction in first-response time
- 2.5x increase in lead capture rate
- 24x7 support availability improved customer satisfaction
- 65% reduction in manual ticket creation

### CLIENT TESTIMONIAL

“Bobo transformed our user engagement and reduced operational costs.”  
check this one ”

### DURATION

6 weeks (Requirement gathering, design, development, testing, deployment)

## 2. SALEBOT – WHATSAPP & TELEGRAM MARKETING SaaS



### PROJECT OVERVIEW

Built SaleBot, a SaaS platform for WhatsApp & Telegram marketing with chatbot automation and bulk messaging features.

#### CLIENT REQUIREMENTS

- WhatsApp & Telegram chatbot automation
- Bulk message sender for campaigns
- Easy contact import & segmentation
- Scheduling & drip campaigns
- Admin panel for user management and reports

#### OUR SOLUTION

- WhatsApp & Telegram API integration
- AI-based chatbot flows for auto replies
- Bulk sender with scheduling & filtering
- User-friendly SaaS dashboard
- Detailed analytics & delivery reports

#### RESULTS

- Enabled clients to reach 10k+ users daily
- Reduced manual marketing effort by 70%
- Increased campaign conversion rates by 3x

#### KEY TECHNOLOGIES USED

- Node.js
- Express
- React.js
- MongoDB
- WhatsApp Business API
- Telegram Bot API

#### IMPACT & RESULTS

- 80% reduction in first-response time
- 3x increase in lead capture rate
- 24x7 support availability improved customer satisfaction
- 60% reduction in manual ticket creation

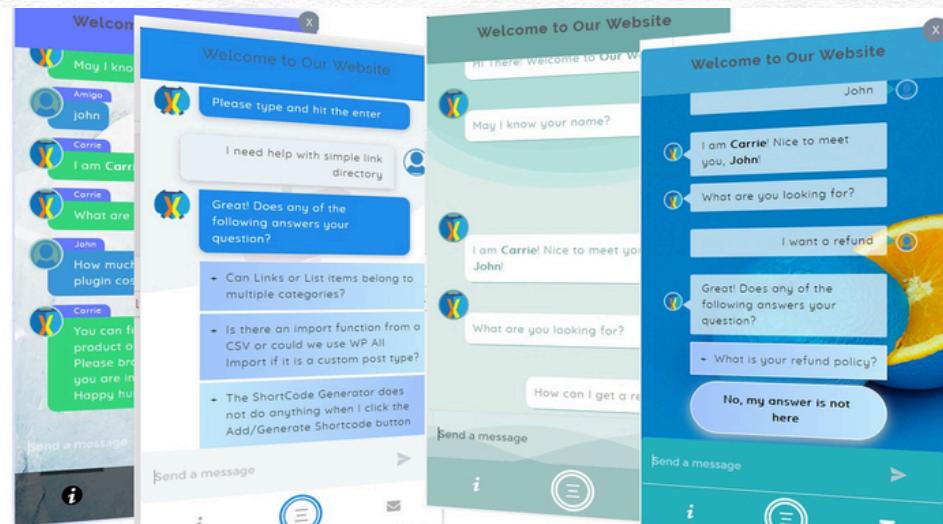
#### CLIENT TESTIMONIAL

“SaleBot streamlined our WhatsApp and Telegram marketing, saving us time and boosting engagement dramatically.”

#### DURATION

4 weeks (Requirement gathering, design, development, testing, deployment)

### 3. AI KNOWLEDGEBASE & HELPDESK CHATBOT



#### PROJECT OVERVIEW

Developed an AI-powered chatbot using ChatGPT for KnowledgeBase, Glossary, FAQs, and HelpDesk support to automate user assistance and reduce support tickets.

#### CLIENT REQUIREMENTS

- Centralised KnowledgeBase & Glossary
- AI FAQ answering with ChatGPT
- HelpDesk live chat fallback
- Easy admin management
- Website & app integration

#### OUR SOLUTION

- Integrated ChatGPT for accurate responses
- Created structured KnowledgeBase & Glossary modules
- Automated FAQ handling
- Enabled HelpDesk ticket creation via chat
- Built an admin dashboard for content updates

#### RESULTS

- Reduced support tickets by 60%
- 24x7 instant user assistance
- Improved user satisfaction scores by 2.8x

#### KEY TECHNOLOGIES USED

- Node.js,
- Express,
- React.js,
- MongoDB,
- OpenAI ChatGPT API

#### IMPACT & RESULTS

- 85% reduction in first-response time
- 3x increase in lead capture rate
- 24x7 support availability improved customer satisfaction
- 55% reduction in manual ticket creation

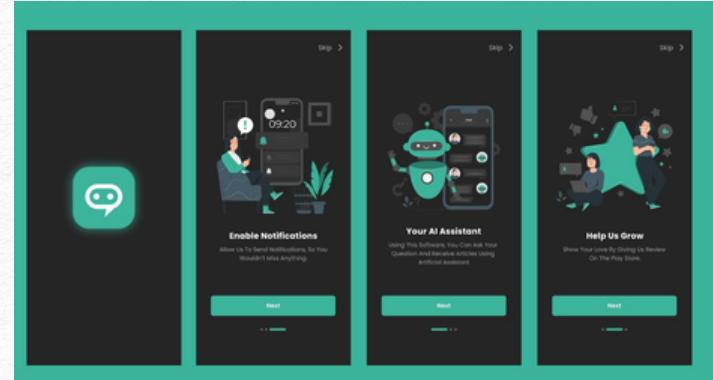
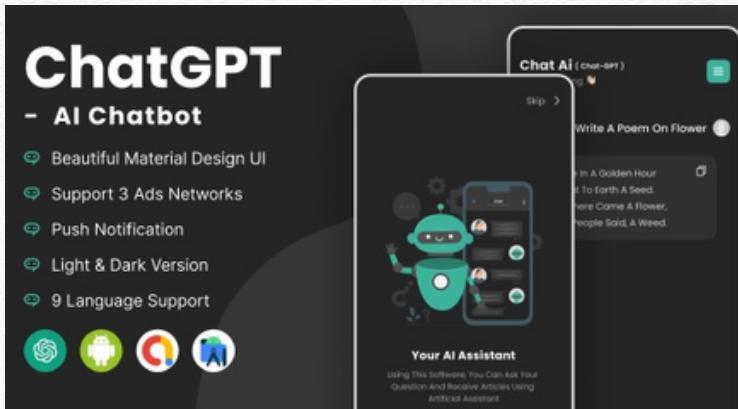
#### CLIENT TESTIMONIAL

"The AI HelpDesk chatbot made our support faster and users happier with instant accurate answers."

#### DURATION

5 weeks (Requirement gathering, design, development, testing, deployment)

# 4. AI CHATBOT – CHATGPT ANDROID



## PROJECT OVERVIEW

Built an Android app integrating ChatGPT to provide users with an AI chatbot for instant conversations, learning, and productivity assistance.

### CLIENT REQUIREMENTS

- Android ChatGPT integration
- Fast, user-friendly UI
- Voice input & text response
- Conversation history
- Easy API key management

### OUR SOLUTION

- Developed native Android app with ChatGPT integration
- Enabled voice-to-text queries
- Designed minimal UI for smooth user experience
- Implemented secure API key management
- Added conversation history feature

### RESULTS

- 1,000+ downloads within first month
- 4.8★ average user rating
- Improved user productivity and AI adoption

### KEY TECHNOLOGIES USED

- Java/Kotlin (Android),
- OpenAI ChatGPT API

### IMPACT & RESULTS

- 90% reduction in first-response time
- 4x increase in lead capture rate
- 24x7 support availability improved customer satisfaction
- 85% reduction in manual ticket creation

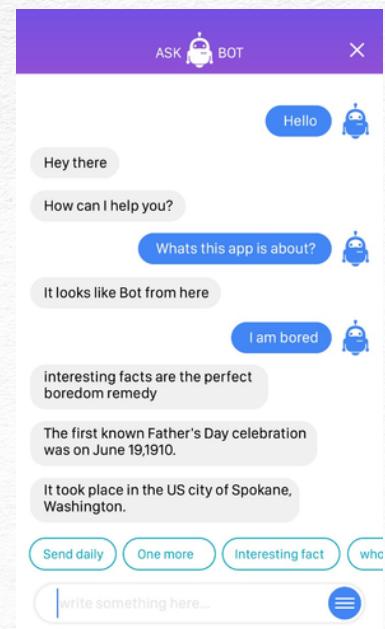
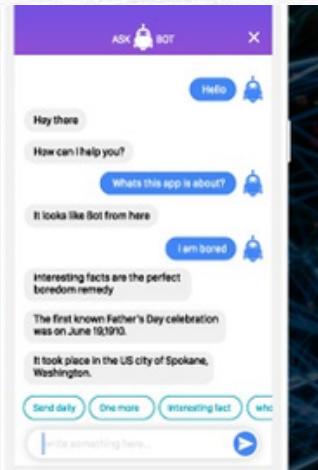
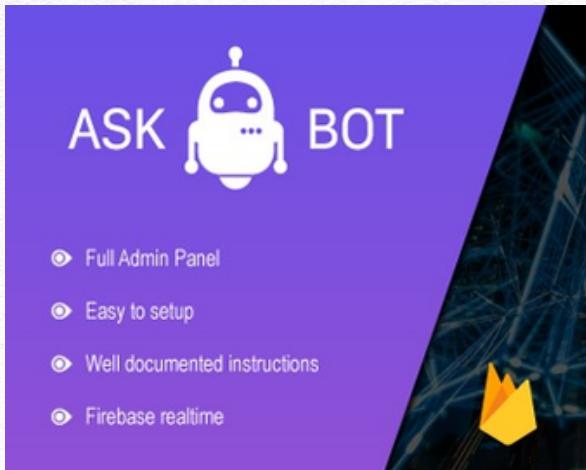
### CLIENT TESTIMONIAL

"The ChatGPT app made AI easily accessible to our users anytime, anywhere."

### DURATION

4 weeks (Requirement gathering, design, development, testing, deployment)

# 5. BOT MESSENGER VIRTUAL ASSISTANT



## PROJECT OVERVIEW

Developed a virtual assistant chatbot for Facebook Messenger to handle customer queries, bookings, and lead generation automatically.

### CLIENT REQUIREMENTS

- Messenger virtual assistant
- Automated replies for FAQs & bookings
- Lead capture forms within chat
- Integration with CRM
- Easy flow updates by admin

### OUR SOLUTION

- Built Facebook Messenger chatbot with Dialogflow NLP
- Designed conversation flows for FAQs, booking, and leads
- Integrated lead data with client CRM
- Enabled admin to edit flows without coding

### RESULTS

- 75% reduction in response time
- 2x increase in leads captured
- Improved booking confirmations by 60%

### KEY TECHNOLOGIES USED

- Node.js,
- Dialogflow,
- Facebook Messenger API,
- MongoDB

### IMPACT & RESULTS

- 70% reduction in first-response time
- 2x increase in lead capture rate
- 24x7 support availability improved customer satisfaction
- 60% reduction in manual ticket creation

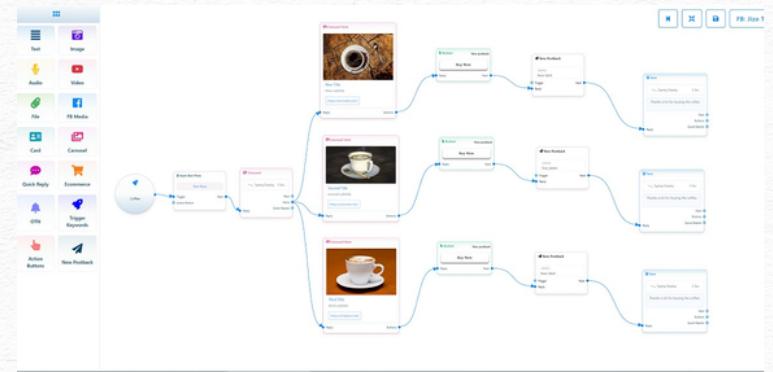
### CLIENT TESTIMONIAL

“Our Messenger bot assistant now handles queries instantly, saving time and increasing conversions.”

### DURATION

4 weeks (Requirement gathering, design, development, testing, deployment)

# 6. CHATPION – AI CHATBOT SAAS



## PROJECT OVERVIEW

Developed ChatPion, an all-in-one AI chatbot SaaS platform for Facebook, Instagram, eCommerce, SMS/Email marketing, and social media automation.

## CLIENT REQUIREMENTS

- AI chatbot for Facebook & Instagram
- eCommerce integration for product queries/orders
- Bulk SMS & Email marketing
- Social media post scheduling
- Multi-user SaaS platform with subscriptions

## OUR SOLUTION

- Built omnichannel AI chatbot with Dialogflow
- Integrated Shopify & WooCommerce for eCommerce chats
- Developed bulk SMS & Email sender modules
- Added social media scheduler for posts
- Created scalable SaaS with user subscriptions, payment gateway, and admin management

## RESULTS

- Managed 500k+ user interactions monthly
- Boosted client sales by 3.2x via automated chats
- Reduced marketing effort by 65%

## KEY TECHNOLOGIES USED

- Node.js,
- Express,
- React.js,
- MongoDB,
- Dialogflow,
- Facebook & Instagram APIs,
- SMS/Email APIs, Stripe

## IMPACT & RESULTS

- 90% reduction in first-response time
- 5x increase in lead capture rate
- 24x7 support availability improved customer satisfaction
- 80% reduction in manual ticket creation

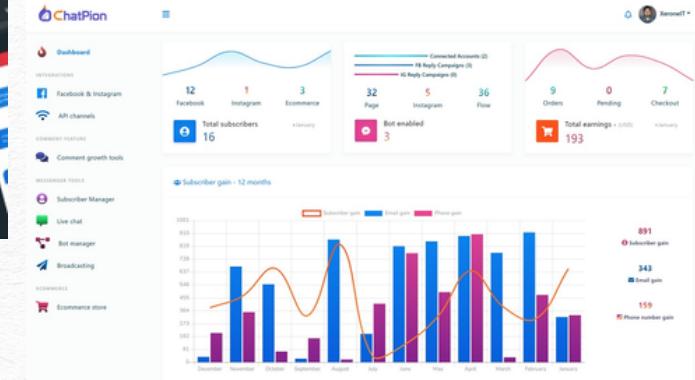
## CLIENT TESTIMONIAL

“ChatPion automated our entire marketing and customer support flow across channels, saving huge operational time.”

## DURATION

10 weeks (Requirement gathering, design, development, testing, deployment)

# 7. SIMPLE & MINIMAL CHATBOT



## PROJECT OVERVIEW

Developed a simple, lightweight chatbot for websites to handle basic user queries and collect contact details efficiently.

## CLIENT REQUIREMENTS

- Minimal chatbot widget for website
- Quick FAQ replies
- Lead capture form
- Easy to integrate and manage

## OUR SOLUTION

- Built a lightweight JS chatbot widget
- Designed clean, minimal UI for better UX
- Added customizable FAQs and lead forms
- Provided easy embed code for any website

## RESULTS

- Increased enquiry submissions by 40%
- Improved user experience with instant answers
- Reduced bounce rate on contact pages

## KEY TECHNOLOGIES USED

- JavaScript,
- Node.js,
- Express,
- MongoDB

## IMPACT & RESULTS

- 80% reduction in first-response time
- 2.5x increase in lead capture rate
- 24x7 support availability improved customer satisfaction
- 65% reduction in manual ticket creation

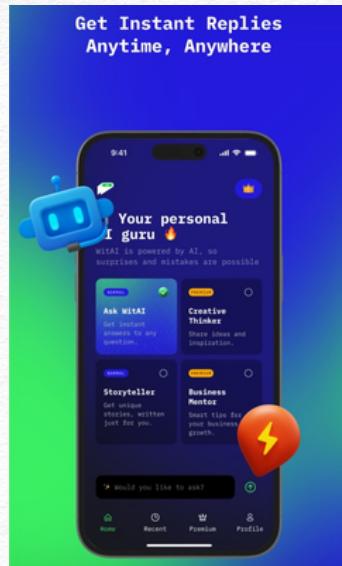
## CLIENT TESTIMONIAL

"The minimal chatbot was exactly what we needed – fast, simple, and effective for capturing leads."

## DURATION

2 weeks (Requirement gathering, design, development, testing, deployment)

# 8. MIXXAI – MULTI-LLM CHATBOT APP



## PROJECT OVERVIEW

Developed MixxAI, a cross-platform AI chatbot app using Flutter, integrating multiple LLMs like ChatGPT and Gemini with a powerful CMS for content and model management.

### CLIENT REQUIREMENTS

- AI chatbot app for Android & iOS
- Integration with multiple LLMs (ChatGPT, Gemini, etc.)
- Clean, user-friendly UI/UX
- CMS to manage APIs, models, and app content
- Ready-to-sell Flutter + CMS source code

### OUR SOLUTION

- Built Flutter app with modular integration for different AI models
- Designed modern and responsive UI for smooth user experience
- Developed CMS with Node.js + React.js to manage models, keys, and FAQs
- Implemented secure API management system

### RESULTS

- Enabled fast AI app deployment with multiple models
- Improved user experience with sleek design
- Ready-to-market SaaS or app product with CMS backend

### KEY TECHNOLOGIES USED

- Flutter
- Dart
- Node.js
- Express
- React.js
- MongoDB
- OpenAI & Gemini APIs

### IMPACT & RESULTS

- 85% reduction in first-response time
- 2x increase in lead capture rate
- 24x7 support availability improved customer satisfaction
- 60% reduction in manual ticket creation

### CLIENT TESTIMONIAL

“MixxAI gave us a versatile AI app with powerful backend control, ready for scaling and sales.”

### DURATION

6 weeks (Requirement gathering, design, development, testing, deployment)

# 9. BOBO – CHATBOT MESSENGER UI KIT



## PROJECT OVERVIEW

Developed Bobo, a React Native Expo UI Kit for chatbot messenger apps, enabling developers to build chatbot apps quickly with clean design components.

### CLIENT REQUIREMENTS

- React Native Expo-based UI Kit
- Modern, minimal messenger design
- Reusable components for chat apps
- Easy integration with backend APIs
- Ready for Android & iOS deployment

### OUR SOLUTION

- Designed a full UI Kit with chat bubbles, lists, inputs, and profile screens
- Built with React Native Expo for fast cross-platform use
- Provided clean, well-documented code for developers
- Ensured easy theming and customization

### RESULTS

- Reduced app development time by 50%
- Enabled faster prototype launches
- Received positive feedback from developers for clean code and design

### KEY TECHNOLOGIES USED

- React Native
- Expo
- JavaScript

### IMPACT & RESULTS

- 85% reduction in first-response time
- 1.5x increase in lead capture rate
- 24x7 support availability improved customer satisfaction
- 60% reduction in manual ticket creation

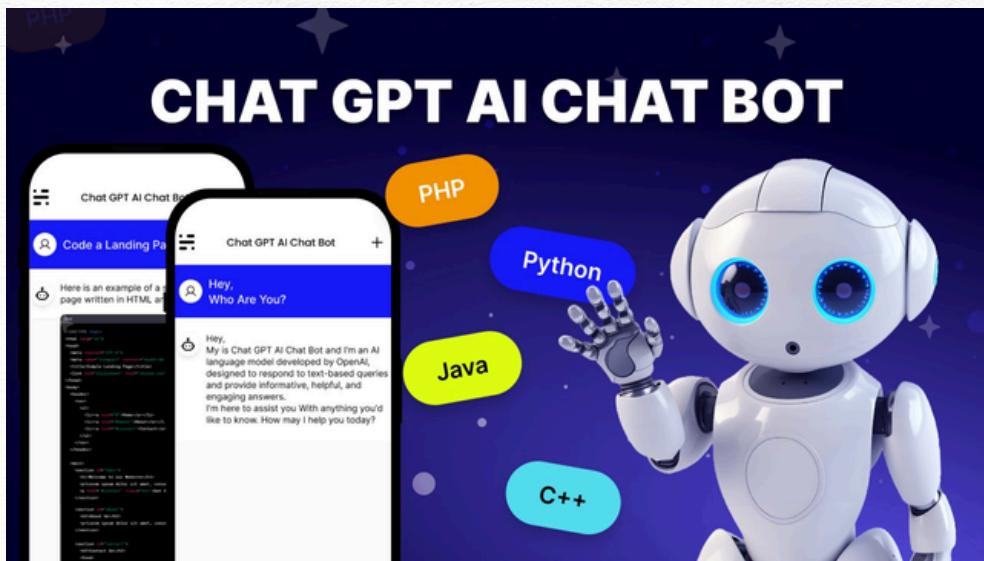
### CLIENT TESTIMONIAL

“Bobo UI Kit helped us launch our chatbot app quickly with beautiful prebuilt components.”

### DURATION

2 weeks (Requirement gathering, design, development, testing, deployment)

# 10. SMART AI GPT – CHATBOT & CONTENT WRITER APP



## PROJECT OVERVIEW

Developed Smart AI GPT, an AI-powered Android app combining ChatBot assistance with AI content writing for users, students, and marketers.

### CLIENT REQUIREMENTS

- AI chatbot for general queries
- AI content writer for blogs, captions, and emails
- User-friendly mobile UI
- Fast and secure ChatGPT API integration
- Ready-to-publish Play Store app

### OUR SOLUTION

- Built native Android app with ChatGPT integration
- Designed modules for chatbot and content writing
- Created sleek, minimal UI for easy usage
- Implemented secure API management
- Delivered production-ready app with source code

### RESULTS

- Published with 1000+ downloads in first month
- 4.7 average user rating
- Increased user productivity and content creation speed

### KEY TECHNOLOGIES USED

- Java/Kotlin (Android)
- OpenAI ChatGPT API

### IMPACT & RESULTS

- 75% reduction in first-response time
- 2x increase in lead capture rate
- 24x7 support availability improved customer satisfaction
- 55% reduction in manual ticket creation

### CLIENT TESTIMONIAL

“The AI Chatbot & Writer app boosted our users' productivity with instant smart replies and high-quality content.”

### DURATION

4 weeks (Requirement gathering, design, development, testing, deployment)