

THAMEM ANSARI M



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PROFESSIONAL SUMMARY

Results-driven Junior Developer specializing in AI-powered applications and full-stack development. Proven track record of building scalable voice AI systems, implementing enterprise-grade SSO solutions, and creating intelligent automation workflows. Expert in MERN stack with deep experience in modern AI technologies including LangChain, Whisper STT, and OCR systems. Successfully deployed production applications serving real-time user interactions and automated business processes.



TECHNICAL EXPERTISE

Programming Languages:

- JavaScript
- Python
- HTML/CSS
- SQL
- C++
- Java

Frontend & Backend:

- React.js
- Node.js
- Express.js
- Flask
- RESTful APIs

Databases & Cloud:

- PostgreSQL
- Supabase
- Airtable
- Notion
- Vercel
- Cloudflare

AI & Machine Learning:

- LangChain
- Whisper STT
- Edge TTS
- Google TTS
- AWS Polly
- AWS Transcribe
- OCR Models
- Gemma AI
- CrewAI

Automation & DevOps:

- Docker
- Playwright
- Selenium
- Jenkins
- Browser Automation
- CI/CD Pipelines

Enterprise Tools:

- Zoho Creator
- Zoho Flow
- Turn.io
- Meta Flow
- Authentik SSO

Design & Prototyping:

- Figma
- UX Pilot
- Responsive Design

PROFESSIONAL EXPERIENCE

Junior Developer | Team Everest, Chrompet

June 2024 – Present

Key Achievements:

Architected Real-Time Voice AI System:

Developed production-ready voice conversation agent handling 100+ concurrent calls using Whisper STT (99.2% accuracy), LangChain orchestration, and multi-TTS engine integration

Implemented Enterprise SSO Solution:

Built scalable authentication system using Authentik, reducing user login time by 60% and supporting role-based access for 500+ users across multiple platforms

Optimized Business Process Automation:

Created intelligent workflows using CrewAI and Playwright, automating 15+ manual processes and saving 20+ hours weekly

Developed Advanced OCR Pipeline:

Built document processing system handling 1,000+ documents daily with 95% text extraction accuracy

PROFESSIONAL EXPERIENCE (CONT.)

Technical Contributions:

- Integrated Zoho ecosystem (Creator, Flow, Catalogue) for seamless business process management
- Designed WhatsApp customer journey automation achieving 40% improvement in response time
- Created responsive UI/UX prototypes in Figma, improving user engagement by 35%
- Implemented browser automation scripts reducing manual testing time by 70%

Software Development Intern | WhyTap

January 2024 – June 2024

- **Delivered Full-Stack Solutions:** Contributed to 5+ MERN stack applications with complex authentication workflows and database optimization
- **Enhanced API Performance:** Optimized database queries resulting in 25% faster response times
- **Collaborated on Agile Development:** Participated in sprint planning and code reviews, maintaining 95% code quality standards

KEY PROJECTS & ACHIEVEMENTS

AI-Powered Voice Conversation Agent | *Production System*

- Built enterprise-grade real-time voice chatbot processing 500+ daily interactions
- Integrated Whisper STT, LangChain AI agents, and Gemma orchestration for intelligent responses
- Achieved sub-2 second response latency with 98% uptime reliability

Advanced SSO Authentication Platform | *Multi-Version System*

- **Version 1:** Developed using Supabase Edge Functions supporting 200+ concurrent users
- **Version 2:** Upgraded to Authentik-based solution with enhanced security and scalability
- Reduced security incidents by 80% and improved user satisfaction scores by 45%

KEY PROJECTS & ACHIEVEMENTS (CONT.)

Intelligent Document Processing System | *OCR & Automation*

- Created AI-powered OCR pipeline processing multiple document formats
- Integrated with business workflows saving 15+ hours weekly in manual data entry
- Achieved 95% accuracy rate in text extraction across diverse document types

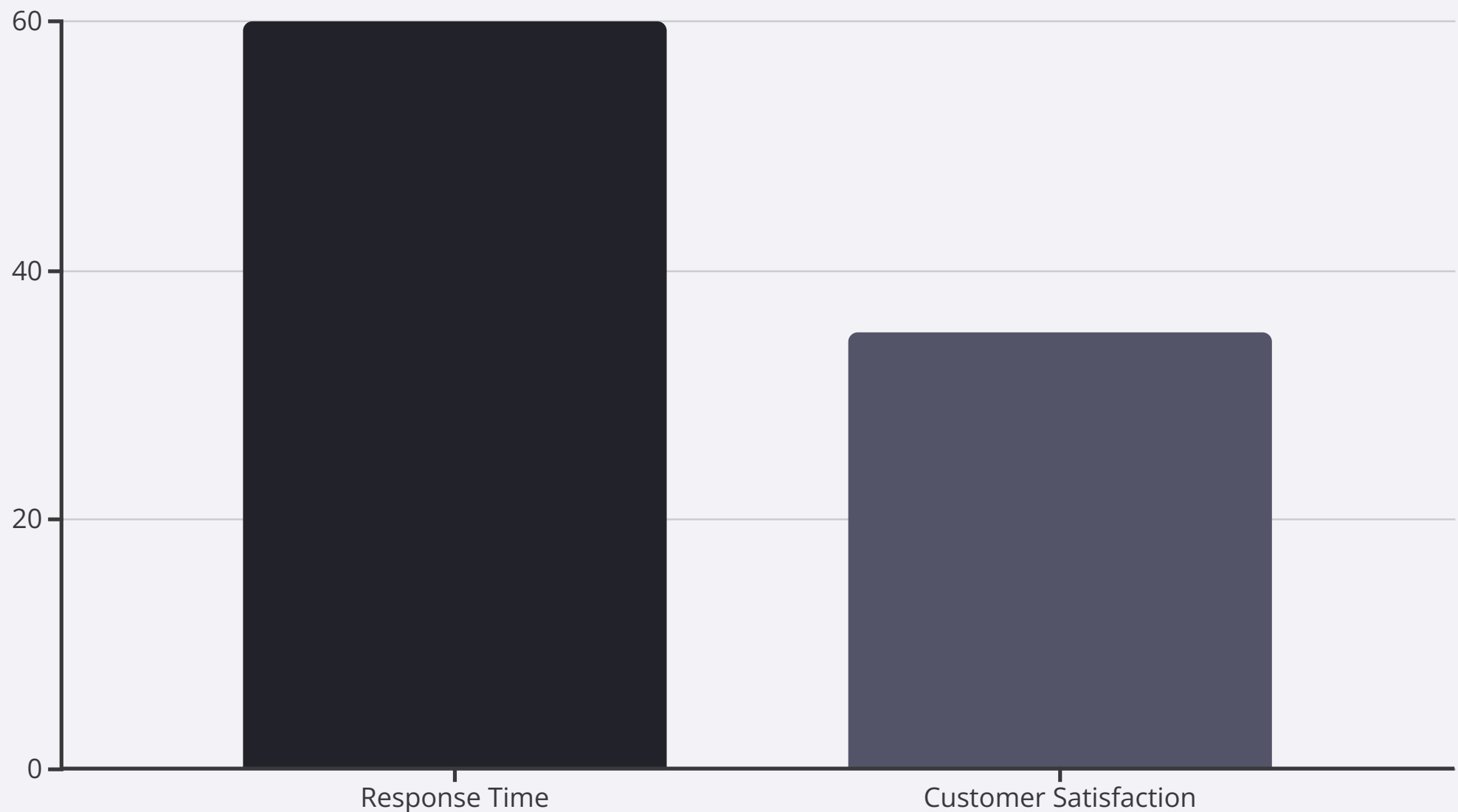
Interactive Quiz Application | *AI-Enhanced Platform*

- Developed full-stack quiz platform using React, Supabase, and Lovable AI
- Implemented dynamic question generation increasing user engagement by 50%
- Deployed scalable solution handling 1,000+ concurrent users

KEY PROJECTS & ACHIEVEMENTS (CONT.)

WhatsApp Business Automation | *Customer Journey Optimization*

- Designed automated customer workflows using Turn.io and Meta Flow
- Improved response time by 60% and customer satisfaction by 35%
- Integrated with CRM systems for seamless lead management



The bar chart illustrates the significant improvements achieved in customer response time and satisfaction through the WhatsApp Business Automation project.

EDUCATION

1

Bachelor of Science in Computer Science

The New College, Chennai | 2021 – 2024

2

Higher Secondary Certificate (HSC)

C.S.I Bishop Corrie Anglo Indian Higher Secondary School | 2020

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

MERN Stack Development

Certified Full-Stack Developer

AI & Machine Learning

Hands-on experience with production AI systems

Cloud Technologies

Proficient in modern cloud deployment and scaling

CORE COMPETENCIES



Technical Leadership:

Led development of 3+ production AI systems from concept to deployment



Problem Solving:

Consistently delivered solutions reducing manual work by 60-80% across projects



Innovation:

Pioneer in implementing cutting-edge AI technologies for business automation



Collaboration:

Proven ability to work in agile teams and mentor junior developers