

SUMMARY

Software Engineer with expertise in chatbot development, backend integration, and API management. Proficient in Python, JavaScript, and RESTful APIs, with a focus on improving customer support automation through AI-driven solutions. Skilled in designing intuitive conversation flows, implementing error handling, and training chatbots for accurate Natural Language Understanding (NLU).

EXPERIENCE

Owner & Software Developer

Dec 2022 – Ongoing

Developed AI-based chatbot for customer support automation

- Designed conversation flows, mapped user journeys, and implemented error-handling mechanisms to improve user interactions
- Utilized Python and Node.js for backend development, integrating the chatbot with CRM systems via RESTful APIs

by The Lindemans

♀ Glendale, AZ

- Implemented NLU and trained chatbot for accuracy
- Trained the chatbot to recognize diverse user queries, refining responses for improved accuracy and user satisfaction
- Conducted regular testing and optimization, resulting in a 30% increase in resolution of frequently asked questions

Information Technology Support Specialist

Iun 2022 - Ongoing

Supported technology integration and automation

- Developed scripts and tools using Python for automating IT support tasks, enhancing efficiency across the department
- Managed API integrations for seamless data flow between systems, improving service delivery and reducing manual workload

Tolleson Union High School District

Avondale, AZ

Contributed to AI and chatbot-based projects

- Assisted in designing chatbot prototypes to automate internal support processes, integrating with existing databases
- Utilized Natural Language Processing (NLP) libraries to enhance user interactions and accuracy in understanding queries

Mission Technology Specialist

May 2020 – May 2022

Implemented backend solutions for communication systems

- Developed backend components for communication tools, ensuring reliable information exchange and interaction
- Worked on API integrations with third-party services to streamline data management across multiple platforms

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The Church of Jesus Christ of Latter-Day Saints

Syracuse, NY

Supported conversational AI projects

- Created basic chatbot models to support missionary communication, improving response times and resource allocation
- Designed interaction flows and response optimization, enhancing user satisfaction and information retrieval

EDUCATION

Bachelor of Science in Technological Entrepreneurship and Management

Expected May 2026

- Current 4.0 GPA
- Coursework includes AI Development, Backend Programming, and Data Integration

Arizona State University

Online

Associate of Science in Computer Science

August 2024

• Graduated Summa Cum Laude with 3.9 GPA

Rio Salado College

♀ Tempe, AZ

SKILLS

Chatbot Development Python JavaScript / Node.js RESTful APIs Natural Language Understanding (NLU) Backend Development

Conversation Flow Design

Error Handling

API Integration

NLP Libraries

Testing Optimization

User Experience Design