

# Sai Kolla

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Personal Website : [saikolla.netlify.com](http://saikolla.netlify.com)

## Experience

- **Vloe Advertising (August 2024 - present)**
  - Customizable WordPress Plugin: The AI Chatbot Avatar is developed as a WordPress plugin, allowing businesses to enhance customer service by providing real-time responses to common inquiries. It features a predefined knowledge base tailored to each company's needs, with easy updates and customization.
  - Python Backend & PHP for WordPress Integration: The chatbot's backend is powered by Python, utilizing the OpenAI API for accurate and relevant responses. PHP is used for WordPress integration, ensuring smooth communication between the chatbot and the website while maintaining a user-friendly experience.
- **First Citizens Bank Software Engineering Internship (June - August 2024)**
  - **Backend Development:** Developed and maintained backend functionality for the Silicon Valley Bank website using Node.js and Java, applying object-oriented design principles to create modular and maintainable APIs. Created APIs and integrated them with front-end components for seamless data exchange. Optimized backend performance by implementing best practices in code design and testing.
  - **UI Development:** Designed and implemented responsive user interfaces for new pages and forms on the Silicon Valley Bank website. Ensured layouts adhered to branding guidelines, optimized performance, and met WCAG accessibility standards. Collaborated with cross-functional teams to gather requirements and deliver intuitive designs.
  - **Software Testing:** Conducted end-to-end UI flow testing to identify bugs and optimize functionality. Utilized testing frameworks to automate workflows, documented findings, and worked closely with the QA team to ensure high-quality releases.
  - **MuleSoft API Development :** Designed and implemented APIs using MuleSoft to enable secure and efficient system integration. Worked on data transformation and flow orchestration. Leveraged MuleSoft Anypoint Monitoring and Anypoint Analytics to track API performance, monitor error rates, and gather usage metrics. Identified and resolved performance bottlenecks by analyzing telemetry data.
- **Alameda County ITD Intern (June - August 2021)**
  - **Claiming Uncashed Warrants:** Web Page created with Vuejs. A survey that used logic to inform the user on next steps needed in order to claim the correct type of Uncashed Warrants. Developed and executed SQL queries to store and retrieve user data, ensuring accurate tracking and processing of survey responses.
  - **ITD Design Library:** Web component design library of HTML elements in order to be used for remodeling of the Alameda County websites. Created test cases for every type of HTML element; they would need to pass the test for Node Js, Vuejs, and Angularjs to be used in the Alameda County Design. Designed many web components such as buttons, checkboxes, etc.

## Education

- **Arizona State University (BS. Computer Science Class of 2025)**
  - Relevant Courses: Information Assurance, Data Structures and Algorithms, Intro Theoretical Computer Sci, Intro to Artificial Intelligence, Intro to Machine Learning,

## ExtraCurricular Activities

- Director of Technology and Sponsorships of Dubhacks Hackathon (2020 - 2022): I was the lead in creating the website for the hackathon. I led a team that would get sponsorships for our hackathon.

## Technical Skills

- HTML, CSS  
- Javascript  
- Node JS, Vue JS, AngularJS, React JS  
- REST, .NET  
- Java, C++  
- Python  
- Autodesk Inventor  
- Arduino  
- PostgreSQL

## Skills

-communication  
- adaptability  
- hard worker  
- good at problem solving