






# Sindhu Yalamati

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## EDUCATION

<b>University of Nevada, Reno</b>	<b>2024-present</b>
<i>Masters in Computer Science</i>	3.8/4
<b>Sasi Institute of Technology and Engineering</b>	<b>2019 - 2023</b>
<i>B.Tech in Computer Science and Engineering</i>	3.56/4

## EXPERIENCE

<b>AI Prompt Engineer &amp; Full-Stack Developer Intern   <i>FoxTow, Inc</i></b>	<b>March 2025 - Present</b>
<ul style="list-style-type: none"><li>Enhanced web application UI/UX using HTML, CSS, React, and Spring to improve design and usability.</li><li>Improved platform navigation and responsiveness with React components and state management.</li><li>Integrated third-party APIs and developed backend features using Spring Boot and PostgreSQL.</li><li>Built and optimized new Kits features with full-stack technologies, ensuring smooth performance.</li><li>Utilized Git and GitHub for version control and used Cursor AI tools to streamline prompt engineering and development workflows.</li><li>Employed Cursor AI tools for efficient prompt engineering, testing, and automation.</li><li>Collaborated on debugging and troubleshooting issues across the frontend and backend stack</li><li>Contributed to database design and query optimization in PostgreSQL for high performance.</li></ul>	
<b>QA and DevOps Engineer Intern   <i>Eficens system</i></b>	<b>2020-2023</b>
<ul style="list-style-type: none"><li>Led the QA team for the real-time project <i>Flair</i>, overseeing end-to-end testing and ensuring product stability across all modules.</li><li>Developed and executed automated test scripts using Selenium and Robot Framework to improve testing coverage and efficiency.</li><li>Designed and maintained CI/CD pipelines with Jenkins, automating build, test, and deployment processes to streamline releases.</li><li>Utilized Terraform for infrastructure as code (IaC) to automate cloud resource provisioning and ensure scalable, reliable environments.</li><li>Deployed and managed servers on AWS, coordinating closely with the DevOps team to maintain high availability and performance.</li><li>Employed GitHub for version control, ensuring smooth collaboration and continuous integration across teams.</li><li>Enhanced QA processes by identifying critical bugs early, and collaborating with developers to resolve issues quickly.</li><li>Contributed to overall software reliability by setting up monitoring tools and optimizing automated workflows.</li></ul>	

## PROJECTS

<b>E-Commerce Web Application   Course Project (Database Management Systems)</b>	<b>2024</b>
<ul style="list-style-type: none"><li>Developed a full-stack e-commerce app using Flask (backend), ReactJS (frontend), and PostgreSQL (database).</li><li>Focused on database design, creating and implementing 7 well-structured tables with relationships to manage users, products, carts.</li><li>Built optimized SQL queries and ensured data integrity, normalization, and indexing for performance.</li><li>Integrated Firebase authentication to secure user accounts and linked database operations with user sessions.</li></ul>	
<b>UNR Academic Calender Development   Course Project (Full-Stack Web Development)</b>	<b>2024</b>
<ul style="list-style-type: none"><li>Created a responsive academic calendar for the University of Nevada, Reno utilizing HTML, CSS, ReactJS, and Next.js technologies.</li><li>Developed ReactJS components for dynamic data rendering and utilized Next.js to enhance server-side rendering performance effectively.</li><li>Utilized Git and agile methodologies to facilitate seamless development processes and maintain effective version control.</li><li>Designed a user-friendly, mobile-responsive interface with a focus on UI/UX and cross-browser compatibility for improved navigation.</li></ul>	
<b>IoT-Based Smart Wearable Device for Visually Impaired People</b>	<b>2023</b>
<ul style="list-style-type: none"><li>Developed an IoT-based wearable device that helps visually impaired individuals by detecting obstacles and delivering real-time feedback.</li><li>Created the device with Python, facilitating object detection and significantly improving mobility for visually impaired users.</li><li>Incorporated multiple sensors to detect water, cars, and bottles, improving navigation and safety in environments.</li><li>Concentrated on developing a portable, user-friendly design aimed at enhancing safety and independence for users.</li></ul>	
<b>RFID-Based Wallet Detection System</b>	<b>2022</b>
<ul style="list-style-type: none"><li>Published a project in the Asian Journal of Convergence in Technology, centered on innovative wallet location solutions.</li><li>Created an RFID-based device equipped with sensors to efficiently detect and locate misplaced wallets for users.</li><li>Developed real-time tracking functionality, improving user convenience and significantly reducing the chances of losing wallets.</li><li>Highlighted innovation in research findings, showcasing sensor technology's potential for solving everyday location problems effectively.</li></ul>	

## SKILLS

- Programming Languages:** Python, JavaScript, C, C#, SQL
- Web Development:** HTML, CSS, ReactJS, Next.js, Flask, Django, Spring Boot, .NET
- Database Technologies:** PostgreSQL, MySQL, Firebase, Supabase, Oracle, SQL (queries, indexing, optimization)
- DevOps & CI/CD:** Jenkins, Ansible, Terraform, AWS (EC2, server deployment), Microsoft Azure, Git, GitHub, Vercel
- Testing & Automation:** Selenium, Robot Framework, Automated Testing, QA Processes
- AI & Data Tools:** Cursor AI tools, Bolt.diy, Pandas, Prompt Design, AI Workflow Integration
- Cloud & Platforms:** Supabase, Vercel, Ngrok, Tableau, Postman, VS Code
- Operating Systems:** Linux, Windows
- Productivity Tools:** Microsoft Office Suite (Word, Excel, PowerPoint)
- Other Skills:** RESTful API Development, UI/UX Design, Agile Methodologies, Infrastructure as Code (IaC), Bash Scripting, Version Control, Debugging & Troubleshooting, Code Deployment