




# Kshiraj Kunta

 [linkedin.com/in/kunta-kshiraj](https://www.linkedin.com/in/kunta-kshiraj)  [kshiraj.kunta@gmail.com](mailto:kshiraj.kunta@gmail.com)  +1 (530) 230-7874

## EDUCATION

<b>Master of science in Computer Science</b> <i>California State University, Chico</i>	May 2025 GPA: 3.8/4.0
<b>Bachelor of Technology in Computer Science</b> <i>Anurag Group Of Institutions</i>	July 2023 GPA: 3.5/4.0

## SKILLS

**Languages/Frameworks:** C, C++, Python, Java, JS, HTML, CSS, React, Django, Tailwind, Flutter, MongoDB, Node, Express  
**Tools:** Git/GitHub, VS Code, IntelliJ, Colab/PyCharm/IDEA, Atom  
**Soft Skills:** Problem Solving, Teamwork, Leadership, Time Management

## EXPERIENCE

<b>Teaching Assistant</b>   California State University, Chico	Jan 2024 – present
<ul style="list-style-type: none"><li>Delivered tutoring and lab assistance to over 300 students, enhancing their understanding of fundamental programming concepts and C++.</li><li>Provided hands-on guidance in applying data structures such as arrays, linked lists, and stacks, while troubleshooting issues during lab sessions.</li></ul>	
<b>Web Club Member</b>   Anurag Group Of Institutions	August 2021 – Jun 2022
<ul style="list-style-type: none"><li>Led seminars on web technologies for over 75 peers, enhancing their understanding of full-stack development.</li><li>Organized a university-wide website development competition, fostering innovation among students.</li></ul>	
<b>Full Stack Intern</b>   ShapeAI	July 2021 – Sept 2021
<ul style="list-style-type: none"><li>Had a comprehensive training program in full-stack web development, where I designed and developed several dynamic web applications, including clones of popular games like Candy Crush, as well as a movie ticket booking system, a food delivery platform, and many end-to-end web applications.</li><li>Utilized a variety of frameworks and technologies, including React, Node.js, Express.js, MongoDB, SQL, and Bootstrap, to create robust, scalable, and user-centric applications.</li></ul>	

## PROJECTS

<b>Multiplayer Chess Game</b>   Django, Websockets, GCP	October 2024 - December 2024
<ul style="list-style-type: none"><li>Created an online multiplayer chess game with real-time gameplay using WebSockets, Django Channels, and Redis from the start. Designed to handle 100+ players seamlessly, ensuring zero delay and 100% accurate move validation with python-chess. Deployed on Google Cloud Platform (GCP) for high performance and scalability, supporting thousands of lag-free games.</li></ul>	
<b>Rentall</b>   Node.js, React.js, MongoDB, TailwindCSS.	Jan 2024 - May 2024
<ul style="list-style-type: none"><li>Developed a scalable platform using Node.js and React.js, enabling users to rent items across categories like tools, electronics, and fashion. Supported over 200 users within six months, facilitating smooth rental transactions.</li><li>Implemented user authentication, item listings, and search/filter functionality, improving search efficiency by 30%. Optimized MongoDB queries, reducing profile and item retrieval times by 25%. Achieved 80% code coverage through unit testing, ensuring high code quality and reliability.</li></ul>	
<b>WonderShare</b>   Flutter, Firebase (Authentication, Firestore).	April 2024 - May 2024
<ul style="list-style-type: none"><li>Created a social media platform for travel and monument photography enthusiasts using Flutter, supporting over 500+ users.</li><li>Built an interactive feed with social features (likes, comments) and location-based photo discovery. Integrated job-matching for photographers, enabling job applications and hires. Utilized Firebase Authentication and Firestore for secure user data management. Designed a UI for photo sharing and discovery, boosting user engagement by 40%.</li></ul>	
<b>Voice Based Pill Reminder</b>   Python, C++, IOT, Arduino, ESP8266, Embedded C	March 2023 - April 2023
<ul style="list-style-type: none"><li>Built an Arduino-based system with Bluetooth and voice recognition, improving medication adherence by 30% for elderly patients. Integrated text-to-speech for real-time voice alerts, handling up to 50 daily reminders.</li><li>Published a paper in IJARST Journal based on the project, showcasing its innovation in healthcare technology.</li></ul>	

## HACKATHONS AND WORKSHOPS

<b>Project Expo Competition (University Level)</b>	Feb 2023
Designed a voice-assisted IoT home automation model with 100% accuracy, outperforming Alexa in speed and reliability for home automation tasks.	
<b>Teckhack 2021, IBM, SmartBridge</b>	Apr 2021
Built an AI chatbot called <i>CoVaccine Bot</i> using IBM Watson Assistant to help users book COVID-19 vaccination slots at local hospitals. Worked on both front-end and back-end integration. Secured runner-up position in the competition.	