Kshiraj Kunta

in linkedin.com/in/kunta-kshiraj ✉ kshiraj.kunta@gmail.com

EDUCATION

Master of science in Computer Science — May 2025
California State University, Chico — *GPA: 3.7/4.0*
Bachelor of Technology in Computer Science — July 2023
Anurag Group Of Institutions — *GPA: 3.5/4.0*

SKILLS

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

EXPERIENCE

Teaching Assistant | California State University, Chico — Jan 2024 – present
- Delivered tutoring and lab assistance to over 100 students, enhancing their understanding of fundamental programming concepts and C++.
- Provided hands-on guidance in applying data structures such as arrays, linked lists, and stacks, while troubleshooting issues during lab sessions.

Web Club Member | Anurag Group Of Institutions — August 2021 – Jun 2022
- Led seminars on web technologies for over 75 peers, enhancing their understanding of full-stack development.
- Organized a university-wide website development competition, fostering innovation among students.

Full Stack Intern | ShapeAI — July 2021 – Sept 2021
- 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.
- 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.

PROJECTS

Rentall | Node.js, React.js, MongoDB, TailwindCSS. — Jan 2024 - May 2024
- 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.
- 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.

WonderShare | Flutter, Firebase (Authentication, Firestore). — April 2024 - May 2024
- Made a social media platform for travel and monument photography enthusiasts using Flutter, supporting over 500+ users.
- 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%.

Voice Based Pill Reminder | Python, C++, IOT, Arduino, ESP8266, Embedded C — March 2023 - April 2023
- 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.
- Published a paper in IJARST Journal based on the project, showcasing its innovation in healthcare technology.

MedEasy Web Application | FullStack MERN Application — November 2022 - December 2022
- Developed an online platform for streamlined medicine purchasing, supporting 200+ daily users.
- Implemented real-time inventory tracking, improving stock management. Reduced order processing time by 25% through efficient browsing and purchasing features.

HACKATHONS AND WORKSHOPS

Project Expo Competition (University Level) — Feb 2023
Designed a voice-assisted IoT home automation model with 100% accuracy, outperforming Alexa in speed and reliability for home automation tasks.

Teckhack 2021, IBM, SmartBridge — Apr 2021
Built an AI chatbot called *CoVaccine Bot* 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.