

# Rani Saro

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Software Developer experienced in full-stack web application development within team environments. Proficient in designing and implementing REST APIs for microservices architecture. Completed coursework in areas such as Artificial Intelligence. Eager to deepen expertise in web development, mobile development, and machine learning.

## EDUCATION

### University of California, Davis

Projected Dec. 2025

*Bachelor of Science in Computer Science*

### Grossmont College

June 2023

*Associate in Science for Transfer in Computer Science*

## SKILLS

- Languages: Java, JavaScript, TypeScript, HTML/CSS, Python, Kotlin
- Tools: Git, GitHub, Apache Tomcat, Visual Studio Code, MacOS, Node.js, Express.js, React, Next.js, SQL, PostgreSQL, Postman, Jira, Slack, FastAPI
- Relevant Coursework: Data Structures, Machine Architecture, Introduction to Artificial Intelligence

## EXPERIENCE

### Software Developer

*CodeLab*

Oct. 2023 – June 2024

- Collaborated in a team of 8 using tools like Jira and Slack to create Espresso, a web app with Quizlet inspired UI and an Anki inspired algorithm, to support UC Davis students' study more effectively.
- Proficiently designed front-end React components and back-end REST API routes and endpoints using the PERN stack averaging a pace of 2 tickets completed each week.
- Participated in Agile-style development sprints alongside designers and fellow developers to ensure high quality work was delivered on time, consistently.
- Managed rotating between frontend and backend, developing features, utilizing engineering best practices for my fellow developers to pick up on where I left off quickly and effectively.

### Career Center Assistant

*Cuyamaca College*

June 2023 – Sept. 2023

- Marketed the Career Center in collaboration with coworkers by actively engaging in public speaking and presenting the center to current and prospective students by creating digital content & social media posts, developing online interactive quizzes, and facilitating peer connections at monthly resource fairs, increasing student engagement by 250 students over 3 months.

### President

*Computer Science Club at Grossmont College*

Sept. 2022 - June 2023

- Revived the club and utilized effective time management skills to create exciting events with the goal of producing a social network for computer science majors.
- Developed a club website, hosted peer networking events and information sharing workshops, and started an alumni discord channel, growing the club from 3 to 35 students over a year period.

## PROJECTS

### Drone Recon (Java)

- Utilized Apache Tomcat to create a web application that simulates communicating with a drone using user input.
- Built a portal and adapted RESTful web service to provide data to the drone, store the data, and review the results.

### Task Management (JavaScript)

- Developed a CRUD-based RESTful API implemented using Express (Node.js) featuring 10+ endpoints
- Introduced efficient database design using PostgreSQL and employed Postman for comprehensive API testing