

Aaradhya Poudyal

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EDUCATION

University of California, Davis, CA

Bachelor of Science in Computer Science
Minor in Technology Management

Exp. July 2026

Berkeley City College, Berkeley, CA

Associate of Science in Mathematics

May 2023

GPA: 3.9

SKILLS

HTML/CSS, JavaScript, React.js, JSX, React Router, Redux, C/C++, Tailwind, Node.js, Bash

EXPERIENCE

City of West Sacramento

Information Technology Intern, IT Dept.

June 2024 - October 2024

West Sacramento, CA

- Developed a React.js form to automate new hire data collection, extracting relevant information for IT scripts.
- Supported a \$3 million technology upgrade by configuring 52 Mobile Data Computers (MDCs), deploying software with PDQ, enabling BitLocker encryption, and managing inventory.
- Led the transition of 150 users from on-premises to cloud-based BeyondTrust software, improving system efficiency.
- Assisted in relocating Detectives, Criminal Investigations, and Records departments, ensuring continued operations during Police Department construction.
- Managed daily IT tasks including setting up hardware for new hires, writing article for the city newsletter, and providing tech support for West Sacramento Police, Fire, and Water Treatment Departments.

City of El Cerrito

Information Technology Assistant, IT Dept.

June 2022 - December 2023

El Cerrito, CA

- Led \$50k tech upgrade, replacing desktops with laptops and transitioning phone system to RingCentral.
- Utilized FTK Imager and external bootable devices to securely image compromised systems for forensics.
- Collaborated with cybersecurity experts to assess the City of El Cerrito's cyberattack, while managing user operations for 150 employees across Windows Server, Local AD, Azure, and Sophos AD.

PROJECTS

mooSpots

Front-End Web App

Winter 2025

Personal Project

- Developed a React-based application that helps UC Davis students locate nearby bike parking using geolocation.
- Implemented useState, useEffect, useCallback hooks and browser Geolocation API to track users' current location.
- Adapted and optimized a sorting algorithm to identify the five closest bike racks from a dataset of 1,000 locations.
- Created custom UI/UX design including logo, color scheme, and intuitive interface with Google Maps integration
- Built search functionality with loading states and developed a nav system linking to Google Maps directions.

Front-End Task Management Application

React CRUD (Create-Read-Update-Delete) Application

Winter 2025

Personal Project

- Implemented dynamic task tracking with useState, props, and array methods for real-time CRUD functionality.
- Designed 10 modular React components, utilizing state management, hooks, and component composition.
- Developed responsive UI with conditional rendering, event handlers, and dynamic sidebar navigation feature.
- Created intuitive project management interface with real-time updates and navigation.

ONLINE UDEMY COURSES

- **React** [Components, state, hooks, Redux, routing, Next.js, authentication, testing]
- **DSA using C/C++** [Arrays, linked lists, trees, graphs, sorting, recursion, dynamic programming]
- **Bash** [Scripting, automation, loops, functions, text processing, system administration]