

# Aaradhyा 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]