

Aaradhya Poudyal

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EDUCATION

University of California, Davis, CA

Exp. July 2026

Bachelor of Science in Computer Science and Minor in Technology Management

Berkeley City College, Berkeley, CA

May 2023

Associate of Science in Mathematics

GPA: 3.9

SKILLS

Full Stack: *HTML/CSS, JavaScript, Typescript, React [Router, Redux, Next.js] MongoDB, Express.js, Node.js,*

Other: *C/C++, Bash, Template Engines [Pug, EJS, Handlebars]*

EXPERIENCE

City of West Sacramento

June 2024 - October 2024

Information Technology Intern, IT Dept.

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

June 2022 - December 2023

Information Technology Assistant, IT Dept.

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

Full Stack Factory

Spring 2025

Course Management System

Personal Project

- Developed a responsive React app that lets users publish tech articles to reinforce learning through teaching.
- Implemented client-side routing with React Router DOM, using dynamic route params and custom slug URLs.
- Engineered modular, reusable components like a unified NavBar/Sidebar and a parameterized Unit Page layout.
- Built a dynamic Article component that parses JSON content and renders semantic HTML based on URL slugs.
- Designed controlled React forms to capture user input, structure it as JSON, and update the local data store.

mooSpots

Winter 2025

Front-End Web Application

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.
- Implemented Haversine algorithm within search function to locate nearest bike racks from a public dataset.
- Created custom UI/UX design including logo, color scheme, and intuitive interface with Google Maps integration.

ONLINE UDEMY COURSES

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|---|---------------|
| • React [Components, state, hooks, Redux, routing, Next.js, authentication, testing] | 71 hrs |
| • Node + Express.js [Node JS & Deno.js, REST API, GraphQL APIs, Authentication, MongoDB, SQL] | 40 hrs |
| • DSA using C/C++ [Arrays, linked lists, trees, graphs, sorting, recursion, dynamic programming] | 76 hrs |
| • Bash [Scripting, automation, loops, functions, text processing, system administration] | 12 hrs |