

# Anish Thapa Magar

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## EDUCATION

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### Caldwell University

Bachelor of Science

Major in Computer Science; Minor in Human-Computer Interaction

Cumulative GPA: 3.78/4.0; Dean's List 2021-2024

Caldwell, NJ

Expected May 2025

#### Relevant Coursework:

Artificial Intelligence, Full Stack Web Development, UI/UX Human-Centered Design, Object-Oriented Programming, Data Structures, Design & Analysis of Algorithms, Networking & Communications

## SKILLS

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**Technical:** Java, Python, JavaScript, Typescript, React, Next.js, Rest, HTML, CSS, Tailwind CSS, Responsive Web Design, SQL, Node.js, Express.js, TensorFlow, NumPy, Figma, MuleSoft, Microsoft Office

**Soft Skills:** Strong communication skills and punctuality, measurement-focused problem solving; critical and analytical thinking, ability and willingness to learn, flexibility

## WORK EXPERIENCE

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### Public Service Enterprise Group (PSEG)

Newark, NJ

*Software Developer: IT Intern*

June 2024 – December 2024

- Developed APIs using MuleSoft and deployed them using CI/CD pipelines, improving deployment efficiency
- Engaged in the Software Development Life Cycle (SDLC), contributing to requirement analysis, design, development, testing, and deployment phases
- Participated in code reviews to ensure project code quality, and improve collaboration within cross-functional teams
- Created ServiceNow tickets for project promotion, Jenkins pipeline creation, and GitHub repository setup
- Transitioned manually deployed projects to automated CI/CD pipelines, troubleshooting deployment issues

### NJ Transit

Newark, NJ

*Web Developer: Technical Analyst/Programmer Intern*

January 2024 – May 2024

- Designed website prototypes using Figma and developed them with React and TypeScript, incorporating data validation to enhance user engagement and accessibility
- Implemented tests with React Testing Library, Jest, and Cucumber, improving application reliability and identifying potential bugs early.
- Utilized JIRA for detailed documentation, tracking progress, and managing tasks related to system testing and project implementation

### Computer Science Research Assistant

August 2023 – May 2024

*Caldwell University - CogAI Lab*

- Designed a touch-based mobile app IDE, enhancing accessibility for users unfamiliar with traditional coding methods
- Conducted usability tests, gathered user feedback, and iteratively improved the mobile app's user interface, ensuring a user-friendly experience
- Collaborated with development teams to implement designed user interfaces and address technical challenges, resulting in seamless integration of design and functionality

## LEADERSHIP EXPERIENCE

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### Resident Assistant

June 2024 – May 2025

*Caldwell University Residence Life Office*

- Served as the first point of contact to resolve issues and conflicts within the residence halls
- Managed a residence hall of 25+ students, fostering a supportive community through monthly meetings and events
- Executed social events and educational programs to foster community development, improving resident satisfaction

## PROJECTS

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### Full Stack Web App with Data Permanence

- Created a task management app with secure token-based authentication and secure storage of user credentials
- Utilized RESTful API endpoints to manage CRUD operations for tasks in JSON format, enabling users to add tasks, mark them as completed with a single click, and unmark them with a double click