Narayan Khanal

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EDUCATION

Caldwell University | Caldwell, NJ   Graduation: Dec 2025

Bachelor of Science, Major: Computer Science, Minor: Business Analytics, CGPA: 3.88

Relevant Coursework: Data Structures, Design Analysis & Algorithms, Full Stack Web Development, DBMS, Artificial Intelligence, Operating System, Computer Programming I & II, Business Spreadsheet

Awards & Scholarships: Dean's list for excellent academic record, Presidential scholarship for top 8%

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML5, CSS3

Libraries & Frameworks: React.js, Tailwind CSS, Node.js, Express

Databases: MongoDB, SQL, Nedb

Tools: Git & Github, Figma, Canva

RELEVANT WORK EXPERIENCE

IT Specialist | Caldwell Robotics | Caldwell University   Jan 2024 - Present
- Lead IT support for the university's Robotics club, troubleshooting system issues and maintaining secure network environments, particularly during the inaugural RoboSoccer competition

Tutor | Web Page Design, Programming I & II | Caldwell University   Jan 2024 - Present
- Provide one-on-one tutoring sessions, empowering students to master HTML/CSS, JavaScript, and Python, and build responsive, interactive websites
- Cultivate strong problem-solving and debugging skills through hands-on coding guidance, leading to 20% improvement in students' progress

Teaching Assistant | Caldwell University   Aug 2023 - Dec 2023
- Facilitated 12+ interactive lab sessions, improving students' assessment performance by 25% through hands-on coding exercises and clear technical explanations
- Elevated students' scores by 20% by breaking down complex programming concepts into both verbal and code-based demonstrations, enhancing overall comprehension

PROJECTS

Fitness Web App | Major League Hacking *React.js, Tailwind CSS, Auth0*   Github | Devpost
- Developed a fitness web app using React, Tailwind CSS, and Auth0 alongside a team of 3 members
- Designed features to collect users' fitness-related data and motivate them by scheduling recommended tasks and incorporating dynamic emoji feedback based on task completion

Product Store Web App *React.js, Tailwind CSS, Node, MongoDB*   Github
- Implemented a MERN stack product management app with Tailwind CSS for responsive design and Zustand for state management
- Designed RESTful APIs with Express.js and MongoDB for seamless CRUD operations

Task Management Web App *HTML5, Tailwind CSS, JavaScript, Node.js, Nedb*   Github
- Built a responsive full-stack task management web app capable of performing CRUD operations for each logged-in user
- Utilized HTML5, Tailwind CSS, and JavaScript for frontend, node.js with express for backend, and nedb for databases to handle user authentication and data persistence

EXTRACURRICULAR ACTIVITIES

Marketing and Communications Lead | GDG Caldwell University   Aug 2024 - Present
- Lead the design and branding team for club events and workshops using Figma, Canva
- Create promotional materials such as social media graphics and posters to enhance club engagement