Pranish Uprety

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Education

Caldwell University   *Caldwell, NJ*
BS COMPUTER SCIENCE · Financial Economics and Maths Minor   *Jan, 2023 - Dec, 2027*

- Caldwell Honors Program, Presidential Scholarship, *CGPA **3.93/4.0***
- ***Facilitator*** *of 'NASA Space Apps Challenge 2024 (Global Hackathon),* ***Instructor*** *of 'Front-End Web Development',* ***Honorable Delegate Diploma*** *at Caldwell MUN,* ***Contestant*** *at HackPrinceton 2025 (Annual Hackathon at Princeton University)*
- Relevant Courses: *Front-End Web Development, Full-Stack Web Development, UI/UX Human-Centered Design, Data Structures, Principles of Economics I & II*

Technical Skills

Programming Python (advanced proficiency) · JavaScript · C ·
Web/Media HTML/CSS · jQuery · Bootstrap · Flask · Express · Git · Photoshop
Databases SQL · PostgreSQL

Projects

Ask Mattrab: *Online Learning Platform* | Ruby on Rails, PostgreSQL, HTML, CSS, jQuery, AWS

- Engineered, developed, and deployed a full stack responsive social learning app, attracting 10,000 registered students within the first year and achieving 60,000 monthly visits.
- Designed and maintained a relational database with ActiveRecord, comprising 19 tables and over 46,000 rows to organize complex relationships between users, content, and interactions.
- Designed over 40 responsive web pages to enhance user experience and content organization across various sections of the app, contributing to an 18% increase in average user engagement.

Soccer Hub: *Live Soccer Data & Stats Platform* | React, Node.js, Express, PostgreSQL, Tailwind CSS, API Integration

- Designed, developed, and deployed a dynamic single-page web app that delivers real-time soccer scores, standings, and player stats for top leagues like EPL, La Liga, and UCL.
- Integrated a sports API for live updates, ensuring an engaging and seamless user experience.

Work & Leaderships

Event Co-ordinator at Caldwell Astronomy Club   *Caldwell, NJ*
CALDWELL UNIVERSITY   *April, 2024 - Present*

- Coordinated events such as NASA Space Apps Challenge 2024, Music Under Stars, and Solar Eclipse 2024. Facilitated more than 300 students.

Tutor at Academic Success Center   *Caldwell, NJ*
CALDWELL UNIVERSITY   *Oct, 2024 -Present*

- Guided students in Front-End Web Development, covering HTML, CSS, JavaScript, and responsive design principles, while also assisting with Probability & Statistics, Elementary Spanish I, and Discrete Mathematics through structured problem-solving and concept reinforcement.
- Utilized interactive examples, visualization techniques, and targeted questioning to strengthen student understanding, leading to 85% tutees achieving A grades.

General Member and Outreach Coordinator at SEDS Pulchowk   *Pulchowk, Nepal*
INSTITUTE OF ENGINEERING, PULCHOWK CAMPUS   *June, 2022 - May 2023*

- SEDS is a network of tens of thousands of students worldwide who love Space. I served as leader of the Outreach sub-committee at SEDS Pulchowk, Nepal.