

Aashish Joshi

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Summary — Proactive Computer Science junior with proven skills in Python, Java, and full-stack principles demonstrated through academic projects, IT support, and peer tutoring. Looking to contribute a strong foundation in data structures and problem solving to a software development internship.

Skills

Programming Languages: Python, Java, C++, PHP, SQL, JavaScript
Web Technologies: HTML, CSS, JavaScript, Node.js, Express.js, MySQL
Hardware & IoT: Raspberry Pi, STM32 Microcontrollers
Spoken Languages: English (Fluent), Nepali (Native), Hindi (Fluent), Spanish (Conversational)

Experience

Caldwell University, Caldwell, NJ Sep 2023 – May 2024

Teaching Assistant (Academics, Technology & Safety)

- Supported student learning by tutoring full stack development fundamentals, assisting with lab technology setup and troubleshooting, and ensuring smooth operations in CS department labs.

Caldwell University, Caldwell, NJ 2024

Resident Assistant (RA)

- Assisted residents through community engagement, conflict resolution, and policy guidance while helping maintain a safe, inclusive, and supportive residential living environment.

Projects

Collaborative Expense Splitter Web App

- Developed a full-stack web application for group expense management featuring user authentication, group creation, expense tracking with automatic balance calculation, and live group chat.

Full-Stack Online Bookstore

- Developed a dynamic e-Commerce website using HTML, CSS, JavaScript, PHP, and MySQL, featuring user registration, product browsing, and a functional shopping cart.

Python Stock Price Viewer

- Built a desktop application with Python and Tkinter that utilizes the Alpha Vantage API to fetch and display real-time and historical stock price data.

Calorie Calculator

- Built a calorie calculator application to estimate daily calorie needs based on user inputs and activity level for fitness goal planning.

Education

New Jersey City University, Jersey City, NJ Expected May 2027

Bachelor of Science in Computer Science

GPA: 3.6

Relevant Coursework: Data Structures & Algorithms, Full Stack Web Development, Programming Language

Leadership & Involvement

Robotics Club, Caldwell University Spring 2024

Technical Mentor

- Mentored junior members on Raspberry Pi and STM32 microcontroller programming and robot assembly.

Red Cross Society, Kathmandu, Nepal Jul 2020 – Dec 2021

Disaster Response Team Member

- Provided disaster relief and supported emergency aid distribution during floods and earthquakes.

AI Club Liverpool College, Kathmandu, Nepal Jan 2021- Dec 2022

President

- Led a student robotics project team to meet competition requirements.

Honors and Awards

- Caldwell University Presidential Scholarship
- National School Level Chess Champion (Nepal)