

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

Student Assistant (Academics, Technology & Safety)

- Provided academic and technical support by tutoring students in full stack development concepts and resolving hardware, software, and network issues in the CS department laboratories.
- Maintained campus safety as an Access Control Monitor, managing visitor access, and monitoring surveillance systems for residence office life.

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.

Education

New Jersey City University, Jersey City, NJ

Expected May 2027

Bachelor of Science in Computer Science

GPA: 3.3

Relevant Coursework:

Data Structures & Algorithms, Full Stack Web Development,

Leadership & Involvement

Robotics Club, Caldwell University

Spring 2024

Technical Mentor

- Mentored junior members on microcontroller programming (Raspberry Pi, STM32) and robot assembly.
- Collaborated on the development and testing of a competitive robot for a university-level event.

Red Cross Society, Kathmandu, Nepal

Jul 2020 – Dec 2021

Disaster Response Team Member

- Provided critical disaster relief during major earthquakes and floods in the Doti and Achham districts.
- Assisted in coordinating aid distribution, setting up temporary shelters, and providing direct support to affected communities.

AI Club Liverpool College, Kathmandu, Nepal

Jan 2021- Dec 2022

President

- Designed and developed a competitive robotics project, leading the team to meet all competition requirements.

Honors and Awards

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