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)