

# Deven Patel

Available for Summer Internship from May 2025

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## EDUCATION

### Bachelor of Sciences in Computer Science

University of Illinois at Chicago | Chicago, IL

GPA: 3.65

## EXPERIENCE

### • IT Support Specialist

UIC Technology Solutions (Chicago)

September 2023-Present

- o Provide on-site technical support for the Office of the Chancellor, assisting faculty and staff with printer, network, and technology setup while troubleshooting Mac and Windows systems to ensure seamless operations.
- o Diagnose and resolve system inefficiencies, recommending hardware and software upgrades to optimize performance and enhance operational productivity.
- o Perform computer backups, webmail troubleshooting, and system upgrades, ensuring the integrity and functionality of university computer systems.

### • Building Manager

UIC Campus Recreation and Wellbeing (Chicago)

May 2023-Present

- o Oversee daily operations of the campus recreation facility, ensuring a safe, welcoming, and well-maintained environment for patrons.
- o Lead and mentor staff, coordinating training programs to enhance team performance, customer service, and operational efficiency.
- o Enforce facility policies and safety protocols, addressing concerns and resolving conflicts to maintain a positive experience for all users.

## SKILLS

- **Programming Languages:** Python, C++, JavaScript, Java, C, Golang, F#
- **Web Development & Frameworks:** HTML/CSS, React, Node.js, Django, Flask
- **Database & Data Analysis:** MySQL, MongoDB, PostgreSQL, PowerBI, Pandas, NumPy
- **DevOps & Cloud Technologies:** AWS, Azure, Docker, Kubernetes, Git, Google Cloud services
- **Additional Skills:** Microsoft 365, TeamDynamix, REST APIs, Postman API

## PROJECTS

- **AgriMitra (Python):**
  - o Developed a web application, an AI-powered waste management platform using Flask, React, OpenAI, and weather APIs to provide real-time disposal guidance, alerts, and community support. Improved sustainability by reducing unmanaged agricultural waste and pollution.
  - o Built a scalable backend with MongoDB and Flask to manage user data, waste insights, and real-time API integrations. Enhanced system efficiency, AI accuracy, and chatbot interactions for farmers.
- **Aahar (MERN Stack):**
  - o Developed Aahar, a web application designed to overcome food scarcity and reduce food wastage by connecting individuals with excess food to those in need.
  - o Engineered a scalable backend using MongoDB, Express, React, and Node.js (MERN), enabling seamless user interactions, real-time food sharing, and efficient donation management.
- **Campus Map Navigation Program (C++):**
  - o Designed a console-based application to navigate campus maps, enabling users to find optimal paths between two buildings via footways. Implemented graph data structures to represent the campus map, including nodes (vertices) and footways (edges).
  - o Integrated Dijkstra's algorithm to find the shortest weighted path between two specified buildings and enhanced user experience by calculating the center point of two buildings and determining the closest meeting building.

## ACHIEVEMENTS

- College of Engineering Dean's List – 5 Consecutive Semesters
- SparkHacks 2025 Winner