Ajay Singh

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github.com/AjaySlngh

Education

Rochester Institute of Technology, B.Sc. in Software Engineering (Ongoing)   Sept 2023 – May 2027
- **Coursework:** Engineering of Software Subsystems, SW Process and SW Management, Embedded Software Engineering, Computer Architecture and more

Experience

Sales Associate, Best Buy – Eagan, MN   May 2025 - Aug 2025
- Delivered personalized technology solutions to customers by actively listening to needs and recommending products
- Resolved customer issues with professionalism and empathy, ensuring positive outcomes
- Maintained up-to-date knowledge of the latest tech products and services, allowing for informed recommendations in a fast-paced environment.

Skills

Python, Java, C/C++, JavaScript, Typescript, HTML/CSS, REACT, Git, Docker, Angular, Flask, SpringBoot, PostgreSQL, MongoDB, Angular

Projects

Bits N' Bytes (Ongoing)   AjaySlngh/BNB-WEB
- A self-service kiosk similar to an Amazon GO store. Using **OpenCV** and a detection software called **YOLO**.
- Trained **AI software** using **Python** in a team of 3. Worked alongside multiple other teams to effectively produce a finished product.
- Worked with **Raspberry Pis** to create a touchscreen UI setup for the customer using **QTCreator**.
- Code created for interacting with the cabinet using **ESP32s** via **Python MQTT** inside the touchscreen.

LJHS - Homeless Shelter Website
- Created a full stack website in a **team of 4** using **SCRUM** and **Agile** strategies
- Learned how to fit into a sprint workflow and initiate **Daily Stand-ups** as well as work in a team across multiple months using the **SCRUM** workflow.
- Designed and developed a web application using **Angular** (front-end) and **Spring Boot** (back-end) to facilitate donations to a homeless shelter.
- Optimized back-end performance by designing **RESTful APIs** and leveraging **Spring Boot's** robust features.

NoteAI   AjaySlngh/NoteAI
- Created a **Flask app** website that converts an mp3 file using **FFmpeg** to text using **Microsoft Azure's API**, and summarizes the text.
- The website will give you three responses: an abstract summarization, an extractive summarization, and a full transcript.

Activities

Computer Science House
- CSH is a student-run organization at RIT providing a productive, inclusive, and educational community for anyone interested in STEM-related fields.
- Learned many different coding skills, as well as teamwork and management.