GURSHAN SIDHAR

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Education

Wilfrid Laurier University   Waterloo, ON
*Bachelor of Science in **Computer Science**, Minor in Statistics, Co-op Program*   *Sep. 2023 – Aug. 2027*
- **Clubs:** Laurier Computing Society
- **Related Credits:** Data Structures 1 and 2, Object Oriented Programming, Microprocessors, Advanced Calculus (1, 2, and 3), Discrete Mathematics, Linear Algebra

Technical Skills

Languages: Python, Java, JavaScript, HTML, CSS, C
Frameworks: React, Next.js, Tailwind, Node.js, FastAPI
Developer Tools: Linux, Git, GitHub, Docker, Markdown, Visual Studio Code, PyCharm, Eclipse
Libraries: SpaCy, pdf-lib, PyDantic

Projects

⬤ **CVLens** | *Web Application*   ***Python, Next.js, Tailwind, FastAPI, SpaCy, Docker, AWS, Git***
- Developed a **web app** that extracts structured data from uploaded resumes (**PDF/DOCX**) to automate the application process, eliminating the need for manual data entry.
- **Leveraged NLP model SpaCy with NER** to accurately extract resume details, such as contact information, education, skills, and work experience creating a dataset with **200+** resumes
- Developed **API gateway to trigger AWS Lambda function** that processes resume and returns JSON.
- Designed clean and **easy to use frontend with Next.js** that fetches the data from the **API gateway**.

⬤ **Personal Portfolio** | *Web Application*   ***React, JavaScript, HTML, CSS, Git***
- **Developed** a personal portfolio website using React, JavaScript, HTML, and CSS, showcasing projects and technical skills, leading to an improved online presence.
- **Enhanced** user experience by implementing responsive and interactive UI components, resulting in a **more engaging** interface across devices.
- **Streamlined** code management and collaboration by utilizing Git for version control, ensuring **efficient tracking of changes**.
- **Demonstrated** proficiency in front-end development by following modern web technologies and best coding practices, contributing to a professional and polished website.

⬤ **Poke-Pal** | *Full-Stack Web App*   ***Python, JavaScript, HTML, FastAPI, Tailwind, Next.js, Git, PokéAPI***
- Built a **full-stack web app** with a Pokedex-style interface that matches your personality to a Pokémon.
- Engineered a **custom backend** integrating the Gemini AI API to analyze user responses and extract personality traits.
- Fetched data from PokéAPI to display the matched Pokémon's image, stats, abilities, and a concise explanation of why it fits you.
- Designed an interactive, responsive questionnaire UI in React and Tailwind to ensure an engaging user experience.

Experience

Deli Clerk   July 2021 – Aug 2024
Longo's CO   *Brampton, ON*
- Ensured **safe work environment** by adhering to protocols, enhancing the **customer experience**
- Enhanced **communication** with colleagues and customers, ensuring **clear service**
- Optimized workflow by **collaborating** with team members for **improved efficiency**
- Demonstrated **adaptability** and **problem-solving** under pressure

Field Organizer Volunteer   Oct 2024- Feb 2025
Local Political Riding   *Brampton, ON*
- Coordinated **community outreach**, recruiting and training **volunteers** for campaign initiatives
- Managed data collection and analyzed **voter demographics** to optimize campaign **strategies**
- Collaborated with campaign leadership to develop **messaging strategies** and mobilize key voter groups
- Organized **canvassing events**, boosting **voter engagement** and turnout