

# Sahibjot Boyal

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## Education

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### University of Western Ontario

#### B.S. Specialization in Computer Science

London, ON  
Sept. 2020 - Dec 2024

- **Relevant Coursework:** CS Fundamentals, Operating Systems, Advanced Computer Databases, Advanced Computer Networks, Computer Organization, Machine Learning, Software Architecture, Unstructured Data, Object-Oriented Design, Artificial Intelligence, Foundations of Computer Science

## Work Experience

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### Freelance Full Stack Developer

Friend Kitchen Cabinets ([friendkitchencabinets.ca](http://friendkitchencabinets.ca))

July 2023 - July 2024

- Designed and developed a fully responsive, modern website for a local cabinetry business using HTML, CSS, JavaScript, and WordPress, enhancing their online presence and user engagement.
- Implemented a contact and estimate request form, enabling potential customers to easily reach out for project quotes and consultations, streamlining the lead generation process.
- Collaborated directly with the business owner to define requirements, customize layout designs, and implement content updates, ensuring alignment with the brand image and customer needs.

Boyal Blueprint ([boyalblueprint.com](http://boyalblueprint.com))

June 2025 - Current

- Developed an AI-powered real estate website using the MLS database via access from the Toronto Real Estate Board to support customer lead generation for Boyal Realty Group.
- Integrated OpenAI to implement an intelligent search feature capable of processing user queries and delivering accurate property listings efficiently.
- Engineered backend logic to interface securely with MLS data and deliver a responsive, user-friendly search experience tailored to real estate clients.

## Projects

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### Western Maps ([github.com/SahibjotB/Western-Maps](https://github.com/SahibjotB/Western-Maps))

Java, SQL, Netbeans

- Developed a cross-platform campus navigation application using the MVC architecture, enabling students to find their exact classroom within buildings, popular POIs, and access detailed class information.
- Designed admin functionality implementing CRUD operations to add, edit, and remove buildings, enabling scalable and maintainable growth of the application as campuses evolve or the tool is adopted by new universities.
- Implemented personalized features allowing users to save custom POIs linked to their unique class schedules, enhancing their campus navigation experience and reducing stress and orientation time for new students.

### Portfolio Website ([github.com/SahibjotB/SSB-Website](https://github.com/SahibjotB/SSB-Website))

React, Tailwind CSS, Vite, Vercel

- Developed and deployed a full-stack portfolio website to showcase projects, technical skills, and resume
- Built a modern, responsive UI using React and Tailwind CSS, emphasizing clean design, performance, and usability across devices
- Deployed on Vercel for continuous integration ensuring consistent uptime and quick change deployments

## Additional Info

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- **Languages:** Java, JavaScript, Swift, Python, C#, C, C++
- **Software:** MySQL, AWS, AzureDB, Google Firebase, Electron, React Native, XCode, Android Studio, Netbeans
- **Activities:** Coach for Peel Sports Soccer Club Youth League - 1st place finish, Digital marketing for Green Party political campaign, Deployed and maintained Minecraft Server with customized modpack integration for 30+ people