

# 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 - Jan 2025

- **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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**Fullstack Developer (Sapra Media Group)**

Sept 2025 - Current

[LENVL](#)

- Architected and developed custom headless e-commerce experiences using Shopify Hydrogen, React, GraphQL, and Tailwind CSS, delivering high-performance storefronts for agency clients
- Engineered animated headers and scroll-based transitions to enhance UI responsiveness and increase user engagement; utilized React and CSS animations
- Collaborate closely with designers and strategists to translate brand vision into **polished, production-ready UI/UX** with performance and accessibility in mind

[TalloiX](#)

- Architected and developed a high-immersion headless storefront using Shopify Hydrogen and React, integrating Spline 3D models to create a cinematic, interactive product experience.
- Engineered complex GSAP scroll-animations synchronized with 3D scene states, optimizing JavaScript execution and GPU rendering to ensure fluid performance across desktop and mobile browsers.
- Leveraged the Storefront API and GraphQL to manage dynamic data fetching, implementing deferred loading patterns to maintain high-performance benchmarks and sub-second page transitions.

## Projects

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**Boyal Blueprint** ([github.com/SahibjotB/boyal-blueprint](https://github.com/SahibjotB/boyal-blueprint))

React, Tailwind CSS, OpenAI API, MLS API, Vite

- 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
- Improved customer property searching experience by integrating OpenAI intelligent search functionality capable of processing user queries and delivering accurate property listings efficiently and accurately as per customer needs
- Engineered backend logic to interface securely with MLS data containing thousands of real-time property listings across the Toronto Area and delivering a responsive, user-friendly search experience tailored to real estate clients

**Portfolio Website** ([Sboyal.com](https://sboyal.com))

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++, [Node.js](#), Next.js
- **Software:** MySQL, AWS, AzureDB, Google Firebase, Electron, React Native, XCode, Android Studio, React
- **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