

AARON KAGAN

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Projects

- **ZeroBG:** an AI-powered image background remover using Replicate, Next.js, TypeScript, and Shadcn. This innovative tool swiftly removes backgrounds from images with remarkable precision and seamlessness. [Link](#) to repo. [Link](#) to demo.
- **ReadMe!:** a MERN stack system for facilitating remote learning environments, using React.js, MongoDB, and Express. This project streamlines the management of remote learning, providing tools for assignments, announcements and 2 way communication. [Link](#) to repo.
- **Portfolio Website:** A dynamic showcase of my work, featuring responsive design and seamless navigation. Showcasing projects built in Semantic HTML, CSS/SCSS, Tailwind CSS, JavaScript/TypeScript, Accessibility, React.js/Next.js, and more, it highlights my skills and projects, inviting visitors to explore my professional journey. [Link](#) to live site.

Experience

Web Development

Personal Development

Montreal, QC 05/2023 - Present

- Developed and deployed side projects using HTML, CSS/SCSS, TailwindCSS, JavaScript, and React.js/Next.js, showcasing modern web development practices and responsive design.
- Deepened problem-solving skills by completing coding challenges focused on data structures and algorithms, enhancing proficiency in computational thinking and coding efficiency.

Client Solutions Developer

Visual Knowledge Share

Montreal, QC 01/2023 - 05/2023

- Built a Node.js automation system to streamline data transfer between Salesforce and its Data Warehouse, reducing processing time from hours to seconds.
- Enhanced PHP client connectors to synchronize manufacturing data bidirectionally between client ERP and Visual Knowledge Share's system. Reduced manual data entry and errors, boosting efficiency and accuracy.
- Introduced Jest for Node.js projects and PHPUnit for PHP projects to implement comprehensive unit testing, improving code reliability and system robustness.

IT Support Specialist / Cloud Admin QA Analyst Automation / React Developer

Hilo Energie

Montreal, QC 01/2021 - 05/2022

- Collaborated within a three-member team, addressing diverse requests from hardware support to complex Microsoft Azure solutions.
- Established a comprehensive knowledge base with detailed documentation for end-users and IT personnel.
- Managed Jira and Confluence platforms, deploying new projects, optimizing space, configuring workflows, approvals, and request fields customization for enhanced efficiency.
- Administered various Microsoft products like SharePoint, Office 365, Dynamics 365, and licensing management.
- Created a web application using React.js and Apollo.js client to facilitate GraphQL server querying, improving data accessibility and user experience.
- Implemented C# automation test development and manual testing for Hilo's Azure-based solution, ensuring robust functionality.

Technical Support Specialist

SweetIQ Analytics

Montreal, QC 09/2018 - 11/2019

- Supported over 150 in-house and remote users, managing Windows and MacOS workstations, printers, screens, peripherals, and software licenses.
- Implemented an equipment assignment system based on user roles, reducing requests and streamlining processes in collaboration with the directors.
- Orchestrated the mass migration of Windows 10 machines during an M&A process.

Computer Technician

Self Employed

Montreal, QC 01/2003 - 09/2018

- Installed, configured, and maintained home and small-business networks, providing reliable connectivity.
- Assembled, configured, and deployed desktop and laptop computers, ensuring optimal performance and seamless integration.
- Delivered outstanding customer service, consistently addressing client needs and resolving issues promptly, achieving a 100% customer satisfaction rate.

Education

Full-Stack Web Development, Diploma

Concordia University

Montreal, QC, 09/2022 - 12/2022

- Covered Technologies: HTML, CSS, JavaScript, React.js, React-Router, Node.js, Express.js, MongoDB, Git, Github, Styled-Components, Insomnia.

Skills

- **Front-End:** HTML, CSS/SCSS, JavaScript, TypeScript, React.js, Next.js, Styled Components, TailwindCSS, Accessibility.
- **Back-End:** Node.js, Express.js, MongoDB, Firebase, Supabase, REST.
- **Tools:** Figma, Git, Postman, Insomnia, Jira, Confluence, Selenium.
- **Testing:** Jest, PHPUnit, XUnit, Selenium.