

Aric Crosson Bouwers

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Full-Stack Developer

Eight years of professional experience and three years of self-taught development skills. Curious, and self-motivated love for creating. Shows natural leadership, integrity, technical skill, and attention to detail. Intrigued in the business strategy accompanying information technologies. Adaptable and proficient, and capably delivers on promises and responsibilities. Encouraging and cooperative team member that smoothly blends with the demands of people around him.

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Experience

InceptionU — Full-Stack Developer · Full-time

📅 Feb 2023 - Jul 2023

Unstuck — Full-stack application that empowers high school students to learn, execute and retain critical thinking skills.

[unstuck](https://unstuck.ca) [github](https://github.com/ariccb/unstuck)

back-end · [TypeScript](#) [PostgreSQL](#) [Supabase](#) [OpenAI](#) [Jest](#) [Git](#)
front-end · [Next.js](#) [TypeScript](#) [React](#) [ChakraUI](#) [Framer Motion](#) [CSS](#) [HTML](#)

Connect Cause — Full-stack application that connects passionate individuals with volunteering opportunities in the city, matching them up based on values and purpose.

[connect-cause](https://connect-cause.com) [github](https://github.com/ariccb/connect-cause)

back-end · [JavaScript](#) [Express.js](#) [MongoDB](#) [Mongoose.js](#) [Passport.js](#) [Bcrypt](#) [Git](#)
front-end · [React](#) [JavaScript](#) [Vite.js](#) [React-Router](#) [MaterialUI](#) [UI Ball](#) [CSS](#) [HTML](#)

Omni-gamer Leaderboard — Back-end application tracks shared leaderboards across various games using the Elo score system. A sophisticated algorithm combines individual and category leaderboards into an Omni-Leaderboard regardless of a game's scoring methodology

[omni-gamer](https://omni-gamer.com) [github](https://github.com/ariccb/omni-gamer)

back-end · [JavaScript](#) [Express.js](#) [REST API](#) [MongoDB](#) [Mongoose.js](#) [Git](#)

- Architected projects from the ground up by validating the commercial feasibility, applying critical thinking and human-centred design methods, and selecting the most effective and efficient tech stack to deploy, which resulted in an immediately impactful app with a reactive UI.
- Spearheaded the group through trying new things and learning a new tech stack, providing assistance in comprehending the new framework, code structure, and technologies, resulting in a highly collaborative environment that grew everyone's technical abilities.
- Addressed inter-team conflicts and work style differences effectively and sensitively in order to maintain momentum for the team.

RJC Engineers — Back-end Developer · 2020–2022 · Part-time 3D BIM Modeller and Drafter · 2016–2022 · Full-time

📅 Nov 2016 - Apr 2022

General Notes Import and Layout Tool — Back-end script that automatically organizes, reorders, and places viewports by best fit, while maintaining complex category organization requirements.

[notes-stacking](https://notes-stacking.com) [github](https://github.com/ariccb/notes-stacking)

back-end · [C#](#) [.Net](#) [Python](#) [IronPython \(.Net\)](#) [Regex](#)
tools · [Visual Studio](#) [Revit](#) [MS Teams](#)

- Overcame the challenge of automating critical project requirements without any prior coding experience, by learning several coding languages and git while maintaining regular responsibilities amidst full project workloads.
- Increased the efficiency in the general notes design process for new projects company-wide by 1440%. (process from 4 hrs to 10 sec)
- Created algorithm from scratch, which was built to suit the specific business case for the engineering firm, while being flexible and robust enough to serve many different construction styles.

Max Technologies — Customer Development Manager · Part-time · Contract

📅 Jun 2022 - Sep 2022

tools · [Retool](#) [Stacker](#) [Asana](#) [ClickUp](#) [Airtable](#) [Apollo.io](#) [Hubspot](#) [Slack](#)

Product Development

- Designed and implemented the first version of a buyer, vendor, and sales agent facing website to allow clients to track their contracts.
- Guided the product and business development for this start-up in the B2B software market, following the Customer Development Model, and a user-focused product development technique.

Customer and Business Development

- Developed collateral, including a website, emails and signatures, sales data sheets, pitch decks, and presentations.
- Researched our target market and put together honest and fair business strategies using customer insights.
- Built company workflows including automation for Asana, Slack, Apollo.io, and Hubspot, integrating them into other company management tools.

Interests

QMK keyboard firmware

personal finance

family + faith

tech | human experience

adventure | sports

board, bar, and video games

travel | food

longboarding

audio

art | good design

Experience Continued

Rights and Freedoms Advocate — Digital Communications Mngr · Part-time

Jun 2022 - Feb 2023

Utilized expertise in configuring complex applications, devising solutions to tech issues, and quickly learning new tools and software to drive adoption of digital marketing tools and integration into the business model as the manager of digital communications for the law charity.

tools · [GTM](#) [Google Analytics](#) [Google Ad Manager](#) [Meta Ads Manager](#) [Kindful](#) [Go Daddy](#) [Mail Chimp](#)

Software Integration

- Set up Google Analytics, and Google Tag Manager, enabling the charity to track audience interactions with the site and social media platforms, resulting in more focused and successful campaigns.

Website and Marketing Design

- Designed and drafted blog posts, alongside email marketing, including adding embedded videos, images, links to external sites, while keeping them in the websites' design language
- Designed and built website, including current cases, media and news, and dynamic blog pages which were generated from a connected database cutting blog post generation in half the time while keeping the design consistent between each post.

Education & Training

InceptionU — Full-Stack Developer Program · Full-time

Feb 2023 - Jul 2023

FreeCodeCamp — JavaScript Algorithms and Data

Dec 2021 - Jan 2023

Chthonic Software — Pair Programming | Tutoring | Guided Projects

Sep 2021 - Nov 2022

University of Calgary — Digital Engineering 233 - C++

Sep 2014 - Jan 2015

SAIT Polytechnic — Architectural Technologies Diploma - 4.0/4.0 GPA w/ honours

Sep 2011 - Apr 2013

Volunteering

Calgary Drop-In Centre — Breakfast duty twice per month

May 2023 - ongoing

InceptionU — Helped and tutored fellow students to bring about their potential

May 2023 - ongoing

Platform Calgary — Discover Tech YYC 2023

May 2023

Skills + Tools

Technologies

languages	TypeScript	JavaScript	Python	C#	HTML	CSS	Markdown
frameworks	React	Node.js	Next.js	Express.js	Nest.js		
databases	MongoDB	Mongoose.js	Supabase	PostgreSQL	SQL		
ui related	Tailwind CSS	Material UI	Chakra UI	UI Ball			
public api's	Framer Motion	Jest	React-Router	OpenAI API	Swagger		

Tools & Softwares

coding tools	VS Code	Visual Studio	Terminal	Postman	Curl	Git	GitHub	BitBucket
design tools	Figma	Inkscape	Photoshop					

References

Character Reference

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