**Summary** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Eight years of professional experience and three years of self-taught and course-trained software development skills. Curious and self-motivated with a love for creating. Shows natural leadership, integrity, technical skill, and attention to detail. Intrigued by the business strategy accompanying the tech. Adaptable and proficient, capably delivering on promises and responsibilities. Encouraging and cooperative team member that smoothly blends with the demands of people around him.

**Skills** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
• **Backend -** JavaScript | TypeScript | Node | Express | React | Next.js | Nest.js | C# | .NET | Python | IronPython | MongoDB Supabase |

PostgreSQL | Vue | Git | OpenAI API Training Models | Swagger | Unit Testing  
• **Frontend -** JavaScript | TypeScript | TailwindCSS | MaterialUI | ChakraUI | HTML | CSS | Jest | OOP React-Router | Framer Motion   
• **Tools and Skills -** Full-Stack | Microservices | Distributed Systems | Figma | VSCode | Visual Studio | Postman | Terminal | GitHub

BitBucket | Jira | CI/CD | Revit | Regex | Retool | Product Development | Project Management Software

**Experience** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Full Stack Developer, Full Time** |  | **InceptionU** |  | **Feb 2023 - Current** |

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| **Notable Projects -** [**Unstuck**](https://github.com/ariccb/unstuck) **(full stack) –** [**Connect Cause**](https://github.com/ariccb/connect-cause-frontend) **(full stack) –** [**Omni-gamer Leaderboard**](https://github.com/ariccb/the-omnigamer-leaderboard) **(backend)** |

• 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.

• Led the group through learning a new tech stacks, providing assistance to teammates in comprehending new frameworks, 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 to maintain momentum for the team.

• Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing

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| **Backend Software Developer - Part Time /**  **3D BIM Modeler and Drafter – Full Time** |  | **RJC Engineers** |  | **Oct 2020 – Apr 2022 / Nov 2016 – April 2022** |

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| **Notable Projects -** **[General Notes Import and Layout Tool](https://github.com/ariccb/revit_general_notes_stacking) (backend, native add-in frontend) –** [**General Notes Import**](https://github.com/ariccb/revit-custom-python-tools/tree/master) **(backend)** |

• 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 an 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.

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| **Customer Development Manager – Part Time · Contract** |  | **Max Technologies** |  | **Jun 2022 - Sept/2022** |

• 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.

• 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.

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| **Digital Communications Manager – Part Time** |  | **Rights and Freedoms Advocate** |  | **Jun 2022 – Feb 2023** |

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| **Skills –** Google Tag Manager | Google Analytics | Google Ad Manager | Meta Ads Manager | Kindful | CRM Software Integration |

• Utilized expertise in configuring complex applications, devising solutions to technology issues, and quickly learning new tools and software to drive adoption of digital marketing tools and integration into the business model.

• Set up **Google Analytics, Google Tag** **Manager** enabling the charity to track audience interactions with the site and social media platforms resulting in more focused and successful campaigns, **growing audience by 250%.**

• 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 built website including current cases media news 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** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Full-Stack Developer Program – Full Time** |  | | **InceptionU** |  | **Feb 2023 – Jul 2023** |
| **JavaScript Algorithms and Data** | |  | **FreeCodeCamp** |  | **Dec 2021 - Jan 2023** |
| **Pair Programming | Tutoring | Guided Projects** | |  | **Chthonic Software** |  | **Sep 2021 - Nov 2022** |
| **Digital Engineering 233 - C++** | |  | **University of Calgary** |  | **Sep 2014 - Jan 2015** |
| **Architectural Technologies Diploma -** 4.0/4.0 GPA w/ honours | |  | **SAIT Polytechnic** |  | **Sept 2011 - Apr 2013** |

**Volunteering** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Breakfast duty twice per month** |  | **Calgary Drop-In Centre** |  | **May 2023 - Ongoing** |

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| **Helped and tutored fellow students to bring about their potential** |  | **InceptionU** |  | **May 2023 - Ongoing** |

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| **Discover Tech YYC 2023** |  | **Platform Calgary** |  | **May 2023** |

**References** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
• **Character Reference**: **Margo Purcell - CEO** | InceptionU | 403-399-7369 | [margo@inceptionu.com](mailto:margo@inceptionu.com)

• **Academic Reference: Danielle Barker - Technology Facilitator** | InceptionU | 403-702-6517 | [danielle@inceptionu.com](mailto:danielle@inceptionu.com)

• **Professional Reference: Joe Falica - Lead BIM Technologist** | RJC Engineers Inc. | 403-606-2418 | [jfalica@rjc.ca](mailto:jfalica@rjc.ca)