

MASON BARRY

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SUMMARY

Full stack developer and IT systems specialist with several years of experience creating modern applications for real world use. I built the full Construction Management System used across a one hundred million dollar construction company, and I also created two software platforms of my own. I work mainly with Next.js, Node.js, TypeScript, MySQL, and authentication and billing systems such as Auth0 and Stripe. I enjoy building clean, reliable systems that help teams work faster and operate more efficiently.

SKILLS

Languages	JavaScript, TypeScript, SQL
Frameworks	Next.js, React, Node.js, Express
Cloud and Platforms	AWS, Azure, Vercel, Docker
Tools and Services	Auth0, Stripe, SendGrid, Git, TailwindCSS

EXPERIENCE

Technology Specialist and Lead Developer Island Westcoast Developments LTD	2022 to Present <i>Nanaimo BC</i>
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- Built the company's internal Construction Management System which is used every day by more than one hundred twenty five employees and supports over one hundred million dollars in annual project volume.
- Created tools that handle change orders, subcontractor management, estimates, and approval workflows, reducing processing times from hours to minutes.
- Built internal applications for email automation, financial calculations, reporting, and leadership dashboards.
- Manage the technology systems for both company offices including identity management, authentication, cloud services, software integrations, and general infrastructure.

Software Developer Flavrite	2022 <i>Vancouver BC</i>
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- Updated the company's mobile application by moving it from React Native CLI to Expo and improving core features such as the camera system and image search functions.

PROJECTS

ASTRYX Founder and Lead Developer astryx.ca	2024 to Present
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- Created a full IT service management platform that supports tickets, custom forms, assets, user roles, and team based workflows.
- Added secure login using Auth0, subscription billing with Stripe, a multi tenant MySQL database, and automated inbound and outbound email handling.

100PlusTools Co Founder and Lead Engineer 100plustools.vercel.app	2024 to Present
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- Built a platform that offers a large collection of online tools including AI utilities, PDF utilities, image tools, SEO tools, and general productivity tools.
- Developed the product using Next.js, TypeScript, MySQL, and serverless APIs so the platform can scale easily as more users join.
- Added features such as usage limits, billing, email sending, and admin analytics.

- Improved traffic through clear landing pages, organized categories, and strong search engine optimization.

EDUCATION

British Columbia Institute of Technology
Software Systems Development With Distinction

2021 to 2023

British Columbia Institute of Technology
Introduction to Programming with Python

2021