

ERIC MACDOUGALL

📍 Victoria, BC

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PROFESSIONAL SUMMARY

Results-driven IT professional bringing 14+ years of experience in Web and Software development as well as building and leading development teams. Focused on delivering complex systems, boosting efficiency and developing scalable and sustainable solutions. Proficient in full stack development, people management and cloud-based systems.

ACCOMPLISHMENTS

- Built CRM, POS and ERP systems used by multiple businesses.
- Built SAAS Esports platform utilized by leading Esports organizations.
- Achieved multiple SRED grants for innovative systems, designs and solutions.
- Worked directly with the AWS QLDB Team to innovate immutable quantum ledger technology.

SKILLS

- PHP
- JavaScript/TypeScript
- Node.JS
- React.JS / Redux.JS
- Golang
- Cloud services (AWS, GCP, Azure)
- Scalable containerized applications
- HTML, CSS and Bootstrap
- Wordpress & Custom Plugin Development
- REDIS, AMQP, Memcached
- System administration (rack builds, virtualization, linux, Cisco AS/Firewalls)
- Agile/SCRUM/Kanban
- Serverless Development
- SaaS Systems Design
- NoSQL, SQL
- REST/JSON:API /GraphQL
- Strong full stack development skills
- MongoDB, S3, CloudFront, EC2, ECS, RDS, Elasticache, Lambda, SQS, API Gateway, DynamoDB, QLDB, Kubernetes
- Digital Marketing (SEO, SEM, Social Media, Media Buying, PPC, Affiliate Marketing, Content Marketing, Email Automation, Pixels/Tracking)
- CDN/WAF/Security
- CI/CD automation

WORK HISTORY

CTO

2019 to 2021

Realm Technologies | Victoria, BC

Managed organization-wide architecture, platform and data configuration processes and implementation protocols. Managed a team of multiple IT professionals, hosted daily scrum meetings, and trained new developers. Worked hands on in full stack development including containerized services. Developed front end SAAS systems and implemented cloud architecture. (NodeJS, AWS, PHP, React)

CONSULTANT

2020 to 2021

Elevate Consulting | Victoria, BC

Consulted on cloud architecture solutions for Ministry of Health to provide secure remote access to de-personalized big health data for machine learning and scientific research.

OWNER/LEAD DEVELOPER

2008 to 2019

SoftCorp Software Ltd. | Victoria, BC

Responsible for assessing client requirements and developing advanced solutions for their technology needs. Developed advanced websites, SEO, SAAS, Custom CRM systems, Social Media and Marketing Strategies. Managed a team of developers, sales staff and IT professionals.

SENIOR WEB DEVELOPER

2007 to 2008

Five HT | Victoria, BC

Developed custom POS software, planned website development, converting mockups into usable web presence with HTML, JavaScript, AJAX and JSON coding.

WEB DEVELOPER

2007

Refractions | Victoria, BC

Worked on Government and Enterprise level GIS systems; including real time fleet tracking and interactive layered mapping system. (PostGIS, OpenLayers, JavaScript, C#)