

Ben MacLeod

Software Developer

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About

I'm a full-stack developer living in Halifax, NS and working remotely. My experience is focused on Python, Javascript and .NET. I enjoy building CI/CD pipelines, putting apps in Docker containers, and writing documentation for developers or users.

Since 2016 I've been building APIs that power resulta's portfolio of sites including The Linebacker.

Work

Backend Software Developer at resulta 2016 – Present

- Took a GraphQL api from concept to production on time to support new product launch in 2018
- Built Django microservices providing sports content like player projections and live scores
- Moved legacy apps to Docker Swarm on AWS for easier deployment, rollbacks, and scaling
- Worked both in-office and remotely as part of a distributed team

Key skills

Django Python GraphQL Javascript MySQL Redis Microservices Docker Swarm
AWS Jenkins Remote work

Full-stack Software Developer at Garvin-Allen Solutions 2008 – 2016

- Rebuilt parts of legacy Delphi product as a modern C# web app, targeting the same database
- Used MongoDB to store "work in progress" revisions of documents from legacy system
- Set up build/CI systems including Atlassian Bamboo for both old and new software
- Worked with clients to improve the reliability of our installers and related documentation

Key skills

.NET Framework C# ASP.NET MVC and Web API Javascript SQL Server MongoDB
Bamboo CI/CD

Education

Bachelor of Computer Engineering at Dalhousie University 2005 – 2009

Work Term - Protocase Inc

- Wrote python scripts to convert CAD drawings into laser cutter tool paths, saving designer-hours

Work Term - Petroleum Applications of Wireless Systems

- Built interface with PHP and LabView allowing remote researchers to run programs on a testbed for wireless sensors