Hello
I'm Benjamin Rumble

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Summary

Experienced Principal Software Engineer with over 12 years of expertise in designing and optimizing back-end systems, managing complex software projects, and delivering scalable solutions. Proficient in source code management, CI/CD, ETL, SQL performance tuning, with a focus on distributed systems.

Skills

Technical: Distributed Systems, CI/CD, Gitops, Linux
Tools/Software: Docker, Nomad, Vault, Terraform, Kubernetes, Kafka
Languages: Python, Ruby, Go, Perl, Typescript, JavaScript, C#, Bash

Experience

NOVEMBER 2022 - OCTOBER 2024
Wavelo, NY, NY – *Principal Engineer*

- Designed, implemented and scaled telecom software using distributed systems and event-driven architecture using Ruby, Go, Python & Kafka
- Built, maintained, and scaled customer billing platform which billed 1M+ customers each month, totalling $20M+ a month
- Created CI/CD pipelines using Github Actions to trigger Hashicorp Nomad deploys
- Managed new hire process for engineers, including training and conducting of technical interviews

OCTOBER 2016 - NOVEMBER 2022
Tucows, Toronto, ON – *Software Engineer*

- Built and maintained Perl, Python, Java and Go backend services for email and domain name products
- Created platform in Django to manage Domain Privacy (WHOIS) and customer's data consent to allow compliance with European GDPR legislation
- Designed and created the company's first Kafka services as a stepping stone to re-building the company's 20 year old Perl monolith

- Introduced Python asyncio to the business by conducting department wide presentations and individual team trainings
- Aided in Python 2 -> 3 migration by updating code and adding unit and integration tests to older services
- Built a billing service to calculate and charge 100K+ email customers using Python

AUGUST 2011 - AUGUST 2016
Glacier Media, Vancouver, BC – *Business Intelligence Analyst*

- Managed and executed ETL data pipeline projects to extract salary data, advertising revenue and other financial information from 80+ newspaper publications and printing companies into a data warehouse
- Developed a suite of dashboards and reports using SSRS, Python, C# and PHP

OCTOBER 2012 - AUGUST 2013 (part time)
Hydra Capital, Vancouver, BC –*Programmer/Analyst*

- Developed advanced pattern matching and pattern creation algorithms using Python and a Flask API for investors
- Integrated Trader Workstation API into custom application for real-time chart analysis of streaming market data

Web Programmer @ **Watier Findings/Merian Jewellery, Vancouver BC |** Built system to adjust jewelry prices based off international currency data and commodity prices

Senior Analyst/Programmer @ **SPUD.ca, Vancouver BC |** Oversaw the back end programming for the online food delivery company as part of 4-person development team

Senior Analyst/Programmer @ **Salmat, Melbourne, Australia |** Contributed to numerous projects including softphone applications, PHP reporting web applications, ETL processes, and C#.NET web applications

Education
Python Programming | Code Academy
ITIL Version 3 Foundation Course | Dimensional Data
Object Technology Refresher | Object Training
Programming with C# | Dimensional Data
Bachelor's of Applied Science in Electrical Engineering | RMIT University (Australia)