

Brendan Luchen

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SYNOPSIS Versatile and motivated Full Stack Engineer with Frontend and DevOps capability.
10+ years of experience building, fixing, and scaling web applications.
Deep understanding of the SDLC, Agile/Scrum methodologies, UX, DX, and techdebt management.
Proven track record of positivity, collaboration, interdisciplinary and cross-functional innovation.

EMPLOYER **Archipelago AI (archipelago-ai.com)** **Distributed Remote**
Founding Software Engineer, Full Stack March 2024–present
Work smarter, chat less

- Currently bootstrapping the MVP of flagship product Fresnel

Technologies: Kotlin, Ktor, Klogging, Koin, SvelteKit, GitHub Actions, Docker, Dagger CI, Stytl, TiDB, Grafana, Ansible

PRIOR **BCNC (bcnc.net)** **Boston, Massachusetts (Hybrid Remote)**
EMPLOYERS *Technology Support Specialist* September 2023–March 2024

Technologies: Squarespace, Zapier, Sharepoint, QR Codes

Teikametrics (teikametrics.com) **Boston, Massachusetts (Hybrid Remote)**
Software Engineer II (SE2) February 2019–January 2023

Flywheel is an eCommerce seller toolkit, offering ad-spend optimization, inventory management, market intelligence, and premium managed services with in-house analysts.

- Delivered a billing backend, enabling some \$25k of MRR to be automatically invoiced and charged
- Developed internal tooling to automate routine SDLC chores
- Launched a documentation system for Flywheel’s event-driven architecture, leveraging AsyncAPI
- As a guest on the international DevOps team, designed and implemented a scalable and secure cloud-based microservice-logging system, with turnkey installation for dev teams
- Championed a dynamic, collaborative, and healthy culture by:
 - Serving on culture steering committee
 - Mentoring junior developers
 - Piloting the Slack channel #questions, a safe place to ask who/where/how to ask

Technologies: PostgreSQL, Docker, Heroku, Ruby, Rails, React, Typescript, Scala, Cats, Java, Spring Boot, Redis, TailwindCSS, Python, Bash, Golang, Datadog, Terraform, Kubernetes, AWS, Elasticsearch, Logstash, Kibana, Monorepo, SOA/Microservices, EDA

SHIPPED **Chromathud:** Educational puzzle game for PC and Xbox Live Indie Games
SOFTWARE **OverClocked Jukebox:** Web jukebox for videogame arrangements from ocremix.org
Modern Warfare 3: Multiplatform first-person shooter (© Activision)
Haiku for Android: Thin client to Epic’s electronic medical record (© Epic)
Teikametrics Flywheel: The eCommerce Seller’s Operating System (© Teikametrics)

PAST EMPLOYERS

Applied Training Systems, Inc.

Software Engineer

Reviewsnap and Trakstar are mature and well-tuned performance appraisal and management systems.

- Pioneered a docker-based development environment to speed up onboarding

Seattle, Washington (Hybrid Remote)

April 2017–August 2018

Technologies: Python, Swagger, Docker, Ruby, Rails, React, Sass

Comcast Technology Solutions

Software Development Engineer in Test (SDET)

Comcast Technology Solutions (nee “thePlatform”) designs custom solutions for digital media companies to manage and publish video and audio.

- Verified code end-to-end allowing Comcast subscribers on Apple TV to login with their Apple ID

Seattle, Washington

August 2014–November 2016

Technologies: Java, Spring, Node/AngularJS, TestNG, OpenStack, AWS, Chef, Gatling, Upsource, REST, Literate CoffeeScript, Jenkins, TeamCity

Amazon

Software Development Engineer (SDE)

Within the Platform Excellence org, the Fatals team is tasked with bringing customer-facing failures ever closer to zero.

- Drove company-wide initiatives to reduce HTTP 5xx and other failures, while sharing a 24/7 pager-duty rotation one out of every 3 weeks

Seattle, Washington

June 2013–February 2014

Technologies: JavaScript, jQuery , Spring , Java , Hibernate , Ruby, Rails , InnoDB , Brazil/Apollo

Epic

Software Developer

Epic Chronicles is the leading electronic medical record in the US, emphasizing an integrated patient record and continuity of healthcare across providers and time. Its user-facing frontends include Hyperspace, Canto, Haiku, and MyChart.

- Prototyped and developed *Haiku for Android*, Epic’s mobile sidekick for physicians
- Ensured ability for providers to capture clinical images and video in a HIPAA-compliant fashion

Madison, Wisconsin

September 2011–March 2013

Technologies: Java, Android, ADK, M (MUMPS), C#/.NET, VB6, Chronicles

SKILLS		Proficient	Competent	Familiar
	Programming	JS/TS/ES2015+, Java, Python	C, C#, C++ Scala, Ruby, CSS	Perl, Haskell, Kotlin Elixir, Elm, Golang
	Markup/Data	Markdown, JSON, HTML SQL	Hamlet, Pug, TOML XML	Yaml, Sass Terraform
	Libraries/API	Spring, NodeJS, React	Rails, OpenGL	Phoenix, Ionic/Angular
	Tools/Software	git, Vim, tmux	Docker, Heroku	GIMP, GDB, Ansible
	Natural Language	English(native)	Spanish	Japanese, German

EDUCATION

Rochester Institute of Technology

Bachelor of Science: Computer Science

Dual Minors: German Language and Mathematics

- Magna cum laude
- Study abroad in Dubrovnik, Croatia

Rochester, New York

May 2011