

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 **John Turner Consulting** (consultjtc.com) **Portsmouth, NH**
Asphalt Technician August 2024–present
Strategic Engineering Solutions that Exceed Expectations

PRIOR EMPLOYERS **Archipelago AI** (archipelago-ai.com) **Distributed Remote**
Founding Software Engineer, Full Stack April 2024–March 2025

Work smarter, chat less.

- Architected and implemented scalable microservices using Kotlin and Ktor
- Designed resilient database integration patterns using jOOQ and TiDB
- Integrated klogging to emit structured logs from the api server backend
- Developed and verified the first end-to-end integration between frontend, backend, and database layer
- Mentored grad student intern towards introducing Kotlin unit testing
- Collaborated with UX designer to establish processs and plan a Storybook-based design system

Technologies: Kotlin (Ktor, Klogging, Koin, jOOQ) TypeScript (NodeJS, SvelteKit, TailwindCSS)
IaC (GitHub Actions, Ansible, Docker, Dagger CI) MySQL (TiDB)

BCNC (bcnc.net) **Boston, Massachusetts (Hybrid Remote)**
Technology Support Specialist September 2023–March 2024
Adult Education and Workforce Initiatives.

- Managed electronics inventory, offered live tech support, and streamlined IT operations
- Supported the resolution of a \$13,000 disputed bill with T-Mobile

Technologies: Squarespace, Zapier, Sharepoint, QR Codes

Teikametrics (teikametrics.com) **Boston, Massachusetts (Hybrid Remote)**
Software Engineer II (SE2) February 2019–January 2023
The AI-powered platform to optimize and grow your ecommerce business on Walmart & Amazon.

- Introduced i18n to the React frontend
- Delivered a billing backend enabling some \$25k of MRR to be automatically invoiced and charged
- Launched a documentation system for Flywheel's event-driven architecture, leveraging AsyncAPI
- Designed and implemented a scalable and secure cloud-based microservice-logging system
- Championed a dynamic, collaborative, safe, and healthy culture

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

PAST EMPLOYERS	Applied Training Systems, Inc. (mitratech.com) <i>Software Engineer</i>	Seattle, Washington (Hybrid Remote) April 2017–August 2018
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Reviewsnap and Trakstar are mature and well-tuned performance appraisal and management systems.

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

Technologies: Python, Swagger, Docker, Ruby, Rails, React, Sass
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Comcast Technology Solutions (theplatform.com) <i>Software Development Engineer in Test (SDET)</i>	Seattle, Washington August 2014–November 2016
Comcast Technology Solutions (formerly “ <i>thePlatform</i> ”) delivers a media management and publishing platform to distribute video and other digital content.	

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

Technologies: Java, Spring, Node/AngularJS, TestNG, OpenStack, AWS, Chef, Gatling, Upsource, REST, Literate CoffeeScript, Jenkins, TeamCity
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Amazon (amazon.com) <i>Software Development Engineer (SDE)</i>	Seattle, Washington June 2013–February 2014
The Platform Excellence in Fatsals team is tasked with bringing customer-facing failures ever closer to zero.	
<ul style="list-style-type: none"> • Drove company-wide initiatives to reduce HTTP 5xx and other failures • Shared a 24/7 pager-duty rotation one out of every 3 weeks 	

Technologies: JavaScript, jQuery , Spring , Java , Hibernate , Ruby, Rails , InnoDB , Brazil/Apollo
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Epic (epic.com) <i>Software Developer</i>	Madison, Wisconsin September 2011–March 2013
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.	
<ul style="list-style-type: none"> • Prototyped and developed <i>Haiku for Android</i>, Epic’s mobile sidekick for physicians • Ensured ability for providers to capture clinical images and video in a HIPAA-compliant fashion 	

Technologies: Java, Android, ADK, M (MUMPS), C#/.NET, VB6, Chronicles
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Activision (activision.com) <i>Programmer Intern</i>	Portland, Maine June 2011–September 2011
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IBM (ibm.com) <i>Software Engineering Co-op</i>	Durham, North Carolina March 2009–September 2009
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SHIPPED SOFTWARE	<u>OverClocked Jukebox</u> : Web jukebox for VGM arrangements from ocremix.org [Elixir/Phoenix/JS]
	<u>Vec (2015)</u> : Procedural arcade game Windows/Mac/Linux [C++/SDL/OpenGL]
	<u>Chromathud (2013)</u> : Educational puzzle game for PC and Xbox Live Indie Games [C#/.NET/XNA]
	<u>Modern Warfare 3 (2011)</u> : Multiplatform console/PC FPS game (© Activision) [C++/idtech3]
	<u>Haiku for Android</u> : Thin client to Epic's EMR (© Epic Systems Corporation) [Java/Android/C#]
	<u>Flywheel</u> : The eCommerce Seller's Operating System (© Teikametrics) [TypeScript/Python/Postgres]

SKILLS	Proficient	Competent	Familiar
Programming	Java, Kotlin, Scala, JS/TS/ES2015+	Python, Ruby C, C#, C++	Perl, Haskell Elixir, Elm, Golang
Markup/Data	Markdown, JSON, HTML SQL	Haml, 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	Rochester, New York
	<i>Bachelor of Science: Computer Science</i>	May 2011
	<i>Dual Minors: German Language and Mathematics</i>	
	<ul style="list-style-type: none"> • Magna cum laude • Study abroad in Dubrovnik, Croatia 	