

Jared Blumer

Pittsburgh, PA | jaredblumer@protonmail.com | jaredblumer.com | github.com/jaredblumer

Professional Summary

Results-driven Software Engineer with 5+ years of experience developing full stack web applications that serve millions of users. Experienced in designing resilient systems, automating deployments, and optimizing performance for high-traffic platforms.

Skills

Languages & Frameworks: React, TypeScript, Node.js, Python, Ruby on Rails

DevOps & Infrastructure: Terraform, Docker, AWS, GitHub Actions, GitLab, Jenkins

Testing: React Testing Library, Jest, Cypress, Selenium, pytest, RSpec

Databases: GraphQL, PostgreSQL, MySQL, MongoDB

Professional Experience

Full Stack Developer, Pittsburgh Cultural Trust – Pittsburgh, PA Oct 2024 – Present

- Managed and optimized AWS infrastructure (ECS, Fargate, EC2, RDS, S3, Lambda, CloudFront) with load-balanced multi-environment deployments, ensuring high availability and reliability for a platform serving 2.3M users.
- Engineered major CMS and e-commerce enhancements in Ruby on Rails and JavaScript, developing editorial tools (page previews, version history, page search) to improve publishing efficiency and customer-facing features (interactive seat maps, package purchasing flows, digital wallet integration) to improve the checkout experience for a platform generating \$23M annually.
- Implemented caching for high-traffic API endpoints, eliminating 2,400 redundant calls per day and improving “Add to Cart” flow performance by 25%, increasing checkout speed and reliability.

Software Engineer, NextLink Labs – Pittsburgh, PA Nov 2021 – Nov 2023

- Engineered full stack features for a leading college-recruiting platform using React, TypeScript, Node.js, and Ruby on Rails, improving user experience for athletes and coaches on a platform with 4.3M annual profile views.
- Designed and developed a data analysis dashboard for healthcare research opportunities and patient demographics using React, TypeScript, and D3.js, streamlining oversight and reporting for \$150K in annual research funding.

Director, Data Analytics, The Eye & Ear Foundation of Pittsburgh – Pittsburgh, PA June 2020 – Nov 2021

- Leveraged Python, Pandas, Matplotlib, Jupyter Notebook, Tableau, and SQL to analyze and visualize fundraising metrics and donor demographics, informing data-driven strategy for a 96,000-record constituent database.
- Designed database solutions for the Development Team to better cultivate prospects and donors for future giving, assisting a team of just seven in securing \$41.2M in donations.

Software Engineer, DAI Builds (Freelance) – Pittsburgh, PA Dec 2018 – Jun 2020

- Developed full stack web applications leveraging topographical datasets and the Google Maps API to build dynamic, interactive map experiences using React, TypeScript, Node.js, and Python.
- Refactored client applications to address performance and accessibility issues, achieving 40% faster load times and full WCAG compliance.

Leadership and Open Source

Founder, Code & Coffee Pittsburgh June 2019 – Present

- Organized an inclusive monthly meetup for Pittsburgh’s developer community, creating space for learning, networking, and career growth in tech, with over 1,800 members.

Volunteer Technical Contributor, Wikimedia Foundation June 2024 – Present

- Worked with Wikimedia's Quality and Testing Engineering Team to develop solutions for improved testing coverage of the MediaWiki platform, best known as the platform behind Wikipedia and related projects.

Education

Penn State University – Bachelor of Science in Education

Dec 2011