

Aran Clary

Senior Full-Stack Engineer • He/Him • <https://bluefeet.dev>

I'm a seasoned full-stack software developer with over 30 years of hands-on experience. My track record includes managing data pipelines, crafting backend services, and delivering stunning UIs. I excel at leading teams and interfacing with product development.

Dream Job Traits



Collaboration, innovation, impactful results, teamwork, work-life balance, recognition.

These roles would be a great match



Frontend Developer
Principal Software Engineer
Engineering Team Lead

With one of these commitments



Full-time, Contract

In any of these capacities



On-site, Hybrid, Remote

Portland, OR, US



Not available to relocate

Willing to travel



bluefeet@gmail.com



English

LinkedIn

<https://www.linkedin.com/in/bluefeet/>



GitHub

<https://github.com/bluefeet>

Skills

■ Frontend Development

TypeScript, React, Responsive Design, Jest / Vitest, CSS, Tailwind, Chakra UI, HTML, JavaScript, Next.js, Vite

■ Backend Development

Node.js, REST, Git, Linux, Docker, nginx, Perl, Bash, Amazon Bedrock, AWS Lambda

■ Data Engineering

MongoDB, Memcached, DynamoDB, MySQL, Redis, PostgreSQL, Vector embeddings

■ Cloud Operations

Infrastructure as Code, AWS CDK, Terraform, CI/CD, Grafana, ECR/ECS, Kubernetes, Cloudflare

■ Interpersonal

Collaboration, Agile Processes, Mentoring, Release Management, Stakeholder Management, Requirements Gathering, Technical Writing, Emotional Intelligence, Active Listening

■ Developing Passions

Rust, Lean Processes, Game Design

Experience

GoGuardian

Senior Software Engineer | Sep 2024 - Now | Full-time | Remote

Optimize LLM performance and cost, fix security issues, and develop frontend features. Making teachers happy one commit at a time.

Skills I am using during this time include TypeScript, MongoDB, React, OpenAI Structured Output, Figma, and GCP.

ASU Learning Enterprise

Full-Stack Engineering Contractor | May 2023 - Sep 2024 | Contract | Remote

Developed the foundation of a new AI application aimed at guiding potential learners on their educational future. Worked closely with product and engineering teams to gather requirements, created technical documentation and diagrams, implemented engineering best practices, constructed a data ingestion pipeline, developed the initial POC, and provided mentorship to junior developers.

Skills I used during this time included TypeScript, AWS CDK, Bedrock, Figma, Agile, Vue/Nuxt, ECS/ECR, vector embeddings, MongoDB Atlas, ALB, Cloudfront, and RAG.

GoGuardian

Security Engineering Contractor | Dec 2023 - Mar 2024 | Contract | Remote

This was a short-term contract to assist this early education technology company with meeting a critical, and imminent, security audit. Within a day of starting I was doing impactful work and contributed greatly to the success of the audit.

Skills I used during this time included Node.js, Security Auditing, GCP, Babel, Webpack, Jest, Typescript, Pug, Flow, Docker, and Git.

ZipRecruiter

Principal Software Engineer | Feb 2014 - May 2023 | Full-time | Remote | Santa Monica, CA, US

I had a long and broad ranging career at ZipRecruiter, from DevOps and cloud infrastructure engineering to product development. Over the years I mentored junior engineers, was a release manager, wrote documentation and functional specifications, gathered requirements and communicated changes. I introduced automated builds, tooling to increase visibility into our systems, and helped the company migrate away from a monolithic code base to microservices.

When I first joined ZipRecruiter, which was then a small startup, I promptly optimized the codebase and revamped processes to improve release reliability and production environment stability. In the first half of my tenure, my focus was on boosting developer productivity by introducing essential processes and tools that facilitated company growth.

In the latter half of my tenure, my role evolved to encompass active collaboration with product teams, engaging in an agile workflow that included sprints, retrospectives, and daily stand-up meetings. I worked closely with product managers and stakeholders to complete high-impact projects on strict deadlines.

- Improved the codebase by replacing complicated sections of code with simpler, more straightforward solutions which were easier to maintain, more flexible, well documented, and had increased test coverage.
- Created a development database replication system using filesystem snapshots and cross-region replication, enabling instant access to destructible production datasets.
- Introduced Grafana, continuous integration, Slack, reusable test data fixtures, enumerable other tools.
- Actively advocated for test coverage, documentation, and high-quality code.

Skills I used during this time included DevOps, CI/CD, Perl, MySQL, Linux, AWS, React, Typescript, K8s, Docker, Git, and Golang.

Rent.com

Principal Architect | Apr 2011 - Mar 2014 | Full-time | On-site | Santa Monica, CA, US

At Rent.com I embraced a multitude of roles including Backend Developer, Architect, Manager, Scrum Master, DevOps Product Owner, Hiring Manager, Release Manager, and Frontend Developer.

My responsibilities at Rent.com were both diverse and dynamic. I actively engaged in the research and integration of new technologies, the construction of software infrastructure to facilitate efficient coding practices, and mentoring colleagues. I was adept at multitasking and dedicated to documentation, writing unit tests, crafting essential tools, and meticulously profiling and optimizing the site. Additionally, my contributions extended to writing a substantial amount of code.

- Instrumental in the overhaul of the renter-facing website, ensuring a modern aesthetic and seamless performance on both desktop and mobile platforms through responsive design.
- Spearheaded the migration from Subversion to Git.
- Created an in-depth deployment dashboard which aggregated data from JIRA and Git, providing realtime visibility into issues holding up a deployment and all changes going into a deployment.
- Established a dedicated DevOps team.
- Lead the effort to migrate our entire infrastructure to a new data and authorization platform when the company was acquired by a competitor.

Skills I used during this time included Team Manager, Scrum Master, Project Manager, Release Manager, Perl, Git, Oracle SQL, JavaScript, HTML, CSS, DevOps, and Technical Writing.

ValueClick

Software Engineer | Jan 2005 - Apr 2011 | Full-time | On-site | Thousand Oaks, CA, US

At this ad network I embarked on a journey in an unfamiliar corporate environment. Fortunately, I had the guidance of a visionary engineering director who recognized my untapped potential. This invaluable mentorship paved the way for rapid growth as I seamlessly adapted my extensive coding expertise and freelancing background to this new setting. As time progressed, I emerged as one of the most impactful developers and effective managers within the organization.

- Successfully spearheaded a year-long initiative, leading a compact team of two, including myself, focused on the comprehensive overhaul of our publisher administration portal.
- Developed a library for the retrieval of data for reporting, which decoupled the retrieval process from the data requirements, allowing for seamless modification of data sources without altering the code.
- Managed a team of developers, conducted interviews, streamlined onboarding, and trained new hires.
- Instrumental in seamlessly integrating the software, systems, and developers of a newly-acquired company into our ecosystem.
- Collaborated closely with the database team to scale our infrastructure, enabling seamless management of billions of daily impressions and facilitating efficient generation of aggregate data views.
- Rewrote the monthly publisher payout process, ensuring resilience to failures and significantly reducing its runtime.

Skills I used during this time included Team Manager, Perl, JavaScript, HTML, CSS, and Oracle SQL.

Thinkstock

Software Engineer | Apr 2003 - Dec 2004 | Full-time | On-site | Charlotte, NC, US

At this stock photography company, I served as one of two developers responsible for managing custom built servers containing terabytes of videos and images. My responsibilities included handling OS and software updates, improving the website by adding features and enhancing efficiency, and assisting the marketing and sales teams in meeting their goals.

Skills I used during this time included Perl, Mason, JavaScript, HTML, CSS, and MySQL.

IDForce

Engineering Lead | May 2001 - Mar 2002 | Full-time | Hybrid | Charlotte, NC, US

I independently developed an online collaboration tool equipped with live whiteboards, chat, and file sharing features for a London-based startup. The development process involved multiple trips to London to collaborate and ideate with the design team. Notably, during the tool's development, I

pioneered an AJAX-like technique, years before AJAX became a widely recognized term in the industry.

Skills I used during this time included Perl, MySQL, JavaScript, HTML, and CSS.

Silent Forest

Software Engineer and Sysadmin | Jan 1996 - Apr 2003 | Freelance | Hybrid | CA & NC, US

Excelled in delivering end-to-end web solutions for a wide array of businesses both domestically and internationally. As a one-stop solution provider, I successfully navigated all stages of project life cycle, from conceptualization and architecture design to implementation and final delivery. I distinguished myself through the creation of high-quality software and an ability to uncover and fulfill unanticipated needs of my clients, thereby providing them a strong online presence. My comprehensive suite of services, backed by my adeptness in multiple technologies, positioned numerous small and medium sized businesses for success in the digital age.

Skills I used during this time included Perl, MySQL, JavaScript, HTML, CSS, Linux, and GIS.

MapCruzin

Co-Founder | Jan 1994 - Jan 1996 | Full-time | On-site | Santa Cruz, CA, US

Built software solutions primarily aimed at providing crucial mapping services for government entities and non-profit organizations. I spearheaded both backend and frontend development, delivering websites that facilitated greater transparency and engagement within the environmental activism sphere. Additionally, I played a key role in contract negotiation and drafting. While the company was heavily involved in data collection and processing, my primary focus was on creating effective software tools and ensuring a seamless user experience, thus empowering communities with accessible information.

Skills I used during this time included GIS, Visual Basic, Perl, and HTML.