

# ANDRÉS BRETON

[andresbreton.com](https://andresbreton.com) | [linkedin.com/in/andresbreton](https://linkedin.com/in/andresbreton) | [github.com/bretonics](https://github.com/bretonics)

## PROFILE

Staff/Principal/Senior Platform Engineer & Technical Leader with 9+ years of professional experience building full-stack web applications, architecting cloud platforms, automating infrastructure, and delivering developer tooling that scales engineering productivity. Expert in Pulumi, AWS, TypeScript, and CI/CD pipelines. Proven track record of leading cross-functional teams and initiatives, driving engineering productivity at enterprise scale by cutting deployment times by 67%+ and enabling 60+ engineers to ship faster and more reliably with automations and self-service, self-provision infrastructure resources. All about open-source software, improving the developer experience, and making a positive impact in this world.

## SKILLS

Cloud & IaC:	Pulumi, AWS, Docker, CI/CD, Kubernetes
Languages:	Typescript, JavaScript, Bash/Shell
Front-End:	Angular, AngularJS, Bootstrap, HTML, CSS, Hugo
Back-End:	Node.js, Express
Platform & Tooling:	Nx Monorepo, Git, GitOps, GitHub, Bitbucket, GitLab, Oclif
CI/CD & DevOps:	GitHub Actions, Bitbucket Pipelines, Flux CD, Snyk, SonarCloud
OS:	Linux, RedHat, CentOS, Ubuntu, macOS
Databases:	PostgreSQL (Sequelize), MySQL
Other:	Jira (Agile), Homebrew, WordPress, Homelab

## EDUCATION

Software Development	Master of Science (M.S.)	05/2019
----------------------	--------------------------	---------

## PROFESSIONAL EXPERIENCE

Company	07/19 - 08/25
<u>Sr. Principal Platform Software Engineer</u>	10/23 - 08/25
<ul style="list-style-type: none"><li>Experienced in scaling engineering organizations with a focus on individual and team growth and development.</li><li>Drove org-wide initiatives across multiple stakeholder teams, improving developer experiences, unblocking engineers, and ensuring long-term platform stability and security.</li><li>Launched 2 new core engineering products (CI/CD deployment pipelines and core codebase tooling), improving developer velocity and platform reliability across the company.</li></ul>	
<u>Principal Platform Software Engineer</u>	03/21 - 10/23
<ul style="list-style-type: none"><li>Founded Company's Platform Engineering Team, defining technical direction for scalable, self-service engineering platforms and services to bolster our developer's experience with a reliable, robust, and simple platform.</li><li>Delivered 2 platform products leveraging Pulumi IaC, AWS, Docker, Nx, and CI/CD, reducing deployment friction and increasing delivery speed and reliability.</li><li>Delivered custom Docker-based CI/CD deployment pipelines that cut local deployment times by 67%+, improving uptime, deployment reliability, and developer experience.</li><li>Improved deployment productivity &amp; performance by adding test runs, reliability checks, and parallel processes.</li><li>Migrated polyrepo codebase to Nx monorepo, enabling 60+ engineers to release faster and more reliably.</li></ul>	

## Senior Software Engineer

02/20 - 02/21

- Continued support and feature delivery of internal company-wide full-stack web applications as a senior member.

## Full Stack Software Engineer

07/19 - 01/20

- Built and deployed production-grade web applications using Angular, Node.js, Express, and PostgreSQL on AWS.
- Migrated legacy AngularJS apps to Angular 7, improving maintainability and performance.
- Created tests suites using Cypress framework.
- Managed Stakeholder expectations whilst gathering development requirements.

## Company

03/19 - 06/19

### Software Consultant II

- Provided technical consulting on software platforms to support R&D initiatives for high-growth tech companies.

## Company

10/17 - 02/19

### Software Developer

- Led data infrastructure and web development for two research departments.
- Built automated workflows for large-scale RNA sequencing analysis, reducing processing time from weeks to days.

## Company

01/16 - 10/17

### Software Developer

- Designed bioinformatics tools and automated data pipelines, reducing data delivery turnaround times by 50%+.

## Company

12/13 - 07/19

### Website Designer

- Developed and deployed custom WordPress websites for small businesses.

## CERTIFICATIONS & TRAINING

AWS Certifications	AWS Training	Pursuing
Kubernetes	Online	Pursuing
Web Application Development	Graduate Certificate	05/2019
Linux System Administration	Training - Linux Foundation	02/2016