

NATHAN BEAM

SOFTWARE ENGINEER

nathan.w.beam@gmail.com
678.526.3463
Wenatchee, WA
www.nathanbeam.codes

SUMMARY

Software Engineer with a passion for process. I'm a true full-stack engineer, at home anywhere from infrastructure to frontend. My background is in building highly-scalable, enterprise-grade web applications, with experience in the full product lifecycle. My areas of focus are application security, data engineering, and developer experience.

SKILLS

Languages

- Javascript
- Python
- Ruby
- SQL
(MS/My/Postgres)
- C#

Frameworks

- NodeJs
- React
- Rails
- Apollo GraphQL
- .NET
- Flask
- Phoenix

Tools

- Docker
- Docker Compose
- Kubernetes
- Bash/ZSH

Platforms

- AWS
- Snowflake
- Heroku
- Azure

EXPERIENCE

FORWARD FINANCING

STAFF SOFTWARE ENGINEER

12/21 – PRESENT

- Technical lead on Data Engineering team
 - Responsible for designing and implementing data pipelines for training and inference of machine-learning models
- Formerly Full-stack engineer for Security and Compliance team
 - Responsible for security analysis, legal compliance, and enforcing secure coding practices across the engineering department
- As head of Developer Experience Guild, continually worked to identify and remediate pain points regarding our own development processes

FRONT PORCH

FULL-STACK DEVELOPER

04/20 – 12/21

- Full-stack development on Rails/React SaaS app
- Converted codebase to a fully containerized, Docker-based environment to optimize development and testing experiences.
- Architected and implemented bottom-up rewrite of Python-based load testing system, utilizing self-generating code to virtually eliminate maintenance and significantly increase accuracy
- Utilized AWS, Kubernetes, and Azure CI/CD pipelines to increase reliability of deployments in both development and production environments

FIS

SOFTWARE ENGINEER II

01/18 – 03/20

- Full-stack developer working on ASP .NET/Angular modernization of existing C++ projects.
- Architected and developed flagship products and managed junior developers and interns
- Responsible for front/backend development in C#, Angular, and Typescript, as well as C++/CLI interop services with legacy C++ code.

EDUCATION

UNIVERSITY OF WEST GEORGIA
B.S., COMPUTER SCIENCE

12/17
Magna Cum Laude

