

# NATHAN BEAM

SOFTWARE ENGINEER

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## SUMMARY

Software Engineer with a passion for process. I'm a full-stack engineer who loves to deploy, and hates being slowed down by clunky pipelines and bloated builds. My background is building scalable, user-friendly web applications in modern languages, but a love for elegance has driven me to continuously remodel any development environment I find myself in

## SKILLS

### Tools

- Docker
- Docker Compose
- Kubernetes
- Bash

### Languages

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

### Frameworks

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

### Platforms

- AWS
- Heroku
- Azure
- CircleCI
- CodeShip
- Rollbar

## EXPERIENCE

### FORWARD FINANCING

#### SENIOR SOFTWARE ENGINEER

12/21 – PRESENT

- Full-stack engineer on the Security and Compliance team
- Responsible for security analysis, legal compliance, and implementing 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
- Key technologies include Docker, Kubernetes, AWS, and CircleCi, as well as development in Ruby on Rails, React, Elixir, and Python

### 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