Reginald Ferland
Full-Stack Software Engineer

Full-stack engineer building enterprise and public-facing software in the .NET and TypeScript ecosystems. Focused on scalable cloud-native systems, API-first architectures, and practical modernization of legacy platforms.

CONTACT

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- ferland.io
- reginaldFerland
- reginaldFerland

SKILLS

C#	★★★★★
TypeScript	★★★★☆
.NET Core	★★★★★
SQL	★★★★☆
SvelteKit	★★★☆☆
Angular	★★★★☆
AWS	★★★★☆
Terraform	★★★☆☆
Docker	★★★★☆

CERTIFICATIONS

- ✔ CompTIA Security+
- ✔ OutSystems Associate Dev
- ✔ OutSystems Associate Dev 11
- ◌ AWS Associate Developer

WORK HISTORY

Senior Software Engineer
BAM Technologies, LLC

Jul 2021 – Present
Remote

- Core engineer on the Digital Transformation Kit (DTK), enabling agencies to deliver secure, scalable software rapidly
- Built cloud-native microservice systems serving tens of thousands of users and processing millions of events
- Developed API-first services improving interoperability and data standards across agency ecosystems
- Led innovation efforts and standards adoption including zero trust development principles

Software Developer
Kforce Inc

Jan 2021 – Jun 2021
Remote

- Built reactive enterprise web applications on OutSystems in an agile team at BAM Technologies
- Established coding standards and contributed to architecture decisions; transitioned to full-time at BAM

Systems Engineer
Sealed Air Corporation

Nov 2019 – Dec 2020
Charlotte, NC

- Administered OutSystems environments company-wide and led development of a real-time MES application
- Oversaw junior developers across a global team, managed sprint planning and developer workloads

TDP Analyst
Sealed Air Corporation

Jan 2019 – Nov 2019
Charlotte, NC

- Designed and implemented a reusable notification framework and maintained AWS integrations
- Developed two cross-platform mobile applications for iOS and Android

Jr. Applications Administrator
MDI Group

Aug 2018 – Jan 2019
Charlotte, NC

- Audited Windows and Linux servers at Sealed Air, reducing server inventory and operating costs by over 5%
- Managed third-party vendor relationships and maintained enterprise applications

EDUCATION

B.S. in Computer Science
Clemson University

2018

Focus: High Performance Computing and System Design

GENERAL SKILLS

Architecture: CQRS, DDD, Event Sourcing, Agile

Backend: ASP.NET Core, EF Core, REST APIs, MartenDB

Databases: PostgreSQL, DynamoDB, OpenSearch

Cloud: ECS, Lambda, SNS, SQS, S3, Step Functions, API Gateway

Frontend: SvelteKit, Angular, TailwindCSS, SCSS

Tooling: Git, GitHub Actions, Linux, xUnit