

# WILL REDINGTON

## Senior Software Engineer

+12674610842 @ will86325@gmail.com <https://www.linkedin.com/in/will-redington-04814493/>

### EXPERIENCE

#### Technical Architect

##### Livefront

2025 - Present Remote

- Design APIs and system using various diagramming tools and API specifications
- Create DevOps solutions for various platforms
- Design and develop various internal tools for task automation and DevOps workflows

#### Technical Architect

##### Freya Systems

2023 - 2024 Remote

- Mentoring and guiding the development team to ensure best practices and code quality
- Utilized AWS CDK with Typescript and Node to stand-up various cloud architectures
- Undertaking senior software engineering tasks to drive project success utilizing various tools such as Java, Spring, NodeJS, and Python.
- Designing DevOps pipelines, infrastructure, and ETLs targeting various cloud environments including AWS, Azure, and OpenShift
- Implementing OpenShift Container Platform for additional Kubernetes workloads and using Azure for function apps

#### Senior Software Engineer (Contract)

##### ComplyAuto

2022 - 2023 Remote

- Designing and developing software solutions to enhance environmental compliance features
- Utilizing Fastify (NodeJS) for the backend, TypeScript for type safety, and Nexus for type generation

#### Software Engineer II

##### 98point6

2021 - 2022 Remote

- Increased physician efficiency by several magnitudes by implementing an electronic prescription system
- Building and maintaining multiple APIs to support complex healthcare processes
- Collaborating with cross-functional teams to ensure seamless integration of AI-driven solutions into the healthcare platform

#### Senior Software Engineer

##### Freya Systems

2019 - 2021 Media, PA

- Developing software solutions using Java, Spring, NodeJS, and Typescript to enable clients to make informed decisions about fleet management, including aircraft and parts
- Collaborating with data scientists to integrate analytical tools and models into software applications

#### Software Engineer

##### The Boeing Company

2016 - 2019 Ridley Park, PA

- Designing and developing software applications to meet the specific needs of military clients
- Implementing solutions to generate analytics and reporting metrics on the mechanical health of military aircraft

### EDUCATION

#### B.S. Information Science & Technology

##### Penn State University - B.S. Information Science

08/2011 - 05/2015 Pennsylvania, US

### STRENGTHS

- Clean Code**  
Ability to write clean and efficient code
- Communication**  
Ability to explain complex topics in simplified terms
- Multi-disciplinary Expertise**  
Expertise in various fields within software engineering, including DevOps, Cloud Engineering, ETL design and development, and application development principles

### SUMMARY

Seasoned Full-stack Software Engineer with nearly a decade of experience in delivering high-quality software solutions across diverse industries such as aerospace, military, government, non-profit, healthcare, and automotive. I excel in technical expertise, clean code practices, and project ownership. My experience spans roles from Software Engineer to Technical Architect, where I have successfully led development teams, designed and implemented robust infrastructures, and driven critical projects to completion. I am passionate about leveraging cutting-edge technologies to solve complex problems, and I am eager to bring my skills to new and challenging environments.

### SKILLS

|                |                        |         |           |
|----------------|------------------------|---------|-----------|
| Systems Design | AWS                    | Azure   | AI Tools  |
| Cybersecurity  | DevOps                 | Next.js | NodeJS    |
| Kubernetes     | Python                 | Java    | OpenShift |
| Typescript     | Infrastructure As Code | Golang  |           |

### FIND ME ONLINE

- LinkedIn**  
<https://www.linkedin.com/in/will-redington-04814493/>
- Personal**  
<http://www.willredington.com/>

### KEY ACHIEVEMENTS

- AWS Infrastructure Migration**  
Migrated an entire DevOps pipeline into AWS with a private EKS cluster, Jenkins pipeline, VPN, and various security mechanisms and automations. Utilized AWS CDK, CloudFormation, and Ansible
- Aircraft Data ETL Pipeline**  
Developed a complex ETL pipeline for ingesting military aircraft data from various sources, using Java, Python, Spring Batch, Hadoop, and Spark
- Multiplayer Trivia Game Generated With AI**  
An online multiplayer trivia game service that generates trivia questions using AI. Technologies involved are EKS, Kubernetes, Fastapi, AI tooling, Next.js, Keycloak, Redis, websockets, and event sourcing mechanisms
- Developer Mentorship & Training**  
Trained development teams to leverage modern technologies and practices, implemented template projects, best practices, more stringent code reviews, and better processes for software engineering tasks
- Electronic Prescriptions System**  
Implemented a serverless system using AWS CDK that migrated doctor's from calling in prescriptions by hand, to an electronic system. Technologies leveraged were AWS CDK, Typescript, Lambdas, Dynamo, Step functions, SQS, and FHIR (a data modeling schema for healthcare systems)