

# Conor Kennedy

conor@conorkennedy.com | 847-558-9303 | conorkennedy.com | [linkedin.com/in/conorkennedy93](https://www.linkedin.com/in/conorkennedy93)

## Skills

---

- **Programming:** C#, Java, Python, Typescript, Go
- **Cloud:** Architecting distributed systems in AWS
- **DevSecOps:** GitHub, Azure Devops, CI/CD

## Experience

---

**Software Development Engineer**, Amazon – Arlington, VA

September 2022 – Present

### *Fraud Enforcement*

- Delivered a proof of concept built with step functions and lambdas to extend our service to a non-fraud team, resulting in a new team adopting our solution for a non-fraud use case.
- Led the architectural design and implementation to make an existing service generic, supporting multiple input types while enabling seamless expansion for future customer use cases. This approach **doubled** current use cases, enhancing flexibility and scalability without disrupting existing users.
- Ensured accurate customer correspondence and code integrity by fixing a "null" string bug and removing an anti-pattern, which caused over **3,000** malformed emails to be sent to paying customers.
- Proactively resolved **100+** pipeline failures post-reorg and created a living document to track test failures. Improved pipeline stability, reducing engineer time spent on broken builds and increasing development velocity.
- Participated in on-call rotations, improving system stability by resolving customer-impacting issues, collaborating with cross-functional teams, and managing stakeholder expectations to ensure reliable service delivery.

### *Fraud Evaluations*

- Developed a GraphQL resolver to enhance user sign up data captured in every AWS sign-up event, efficiently handling over a **1000** requests per hour.
- Independently migrated service from a deprecated dependency to GraphQL, handling over **400,000** weekly calls and ensuring uninterrupted service and reducing reliance on deprecated dependencies
- Contributed to the deprecation and migration of a critical AWS legacy service, integral to many downstream systems. Assisted with research and the development of a plan to transition legacy logic, ensuring a seamless migration and reducing Sev2 incidents that could impact customer experience.
- Developed and deployed a mission-critical feature for the United States Department of Defense Joint Warfighting Cloud Capability, delivering ahead of schedule as part of a **\$9 billion contract**.

**Software Developer**, General Motors – Warren, MI

October 2020 – August 2022

### *MotorSports*

- Developed a feature to compare race setup fields, enabling mechanics to instantly view setup differences with a tooltip mouseover, streamlining race preparations and improving decision-making efficiency.
- Optimized React components for cross-device responsiveness, ensuring a consistent and seamless user experience across diverse screen sizes, enhancing accessibility and user satisfaction.
- Integrated automated browser test cases into the CI/CD pipeline, proactively identifying and addressing issues, improving software quality and minimizing defects before deployment.
- Collaborated with key stakeholders to create clear, concise release notes, facilitating effective communication and ensuring alignment during the release cycle.

## Education

---

**Elmhurst College** – Bachelor of Science, Computer Science

December 2019