Conor Kennedy

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Experience

Software Development Engineer, Amazon – Arlington, VA   September 2022 – Present

Fraud Enforcement
- Delivered a proof of concept that extended our service to a non-fraud team, resulting in a new team adopting our solution
- Led the design and implementation to make an existing service generic, supporting different input types, and expanding customer use cases without disrupting existing users.
- Fixed a critical issue in a service inherited during a reorg by removing null strings ("null"), which caused over 3,000 malformed emails to be sent to customers. Improved reliability by eliminating the anti-pattern
- Resolved over 100 pipeline failures post reorg and developed a living doc to track test failures, resulting in improved pipeline stability reducing on-call issues
- Participate in on-call rotations, ensuring prompt resolution of service issues and maintaining system reliability

Fraud Evaluations
- Developed a GraphQL resolver to enhance user sign up data captured in every AWS sign-up event, efficiently handling over a 1000 request 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 a large-scale deprecation and migration project of an internal AWS legacy service, conducting in-depth research and creating a development plan to seamlessly transition legacy logic to a new service
- 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
- Implemented a feature to compare race setup fields, enabling mechanics to instantly view setup differences with a tooltip mouseover, improving efficiency in race preparations
- Optimized React components for cross-device responsiveness, ensuring a seamless user experience across diverse screen sizes
- Added integrated automated browser test cases into our CI/CD pipeline, proactively identifying issues/bugs, enhancing the overall software quality and minimizing potential defects
- Shared concise and informative release notes with key partners, highlighting crucial updates and improvements during the release cycle

Skills

AWS (Lambda, S3, DynamoDB, API Gateway, CloudFormation, IAM) C# Java Python Typescript Git CI/CD Pipelines

Awards

General Motors Hackathon Winner, Geek Week 2021
- Worked with a random team to develop an Android application for electric car mobile charging
- Built using React Native, Expo, Nrel, CarMD, Google Firebase, and Google Places

Education

Elmhurst College – Bachelor of Science, Computer Science   December 2019