James Redfield Desmond

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github.com/jamesdesmond | linkedin.com/in/james-desmond/ | jamesdesmond.org

Senior Software Engineer with a startup mindset, building cloud-native platforms adopted at enterprise scale.

EXPERIENCE

Liberty Mutual | Remote
Senior Software Engineer   **May 2022 - Present**
- Member of the Architecture team, defining technical standards throughout the organization
- Developed 'fitness functions' to quantify adherence to technical standards across the company
- Developed a Spectral openAPI linter ruleset to enforce enterprise naming standards in openAPI specs
- Benchmarked legacy Java APIs using JMeter before and after mainframe migrations
- Integrated Open Telemetry's APM to Node, C#, Java, and Python projects
- Led adoption of platform patterns, adding canary deployments, buildpacks, and framework upgrades
- Presented and communicated to senior leadership on my work output and impact regularly

Liberty Mutual (Contracted through Whitridge Associates) | Remote
Cloud Engineer   **July 2021 - May 2022**
- Produced and documented EDA MVPs using Confluent Platform, Kafka, and multiple languages
- Developed Java Spring Boot applications utilizing gRPC, Protobuf, GraphQL, Prometheus, and OpenTelemetry
- Built a GH Actions workflow to build and publish multi-language artifacts for an openAPI spec

Medicasoft | Remote
Devops Engineer   **October 2020 - July 2021**
-Sole developer working on writing an operations testing framework for a FHIR API using pytest
-Implemented a SSO auth flow from Azure AD to AWS Cognito in order to auth a custom application
-Administer and configure Kafka for processing hl7v2 and v3 messages at scale
-Manage AWS resources such as EC2, S3, R53,Cognito, RDS supporting application, database, and CI/CD servers

Eaton Vance Corporation | Boston, MA
IT Marketing Co-Op   **January 2019 - April 2019 & September 2019 - December 2019**
-Implemented a file upload screen for tabular data using Typescript, PHP, Oracle DB, and MSSQL
-Developed Python scripts to automate data import from many different filetypes to a DB backend

Kaman Corporation | Bloomfield, CT
Information Technology Infrastructure Intern   **June 2018 - August 2018**
-Developed bash scripts for server health monitoring on Suse Linux as well as RHEL

Hartford Hospital Center for Education, Simulation, and Innovation (CESI) | Hartford, CT
Software Engineer   **April 2017 - August 2017**
- Programmed a WPF application in VB.NET, using the MVVM design pattern, for displaying PTZ camera feeds

The Town of South Windsor, Connecticut | South Windsor, CT
Information Technology Lead Intern   **Summers 2015 - 2017**
-Developed a WPF application in C#, enabling supervisors to update and track their employees trainings

EDUCATION

Wentworth Institute of Technology | Boston, MA   **Graduated: August 2020**
Bachelor of Science in Computer Science, Minor in Computer Networking

ORGANIZATIONS

Eagle Scout, Troop 390 South Windsor, CT, 2016