Killian Debacker

Full-Stack Developer

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Hey, I'm Killian Debacker a developer at Solarity Health. I've worked extensively in a number of different areas and have been responsible for designing a number of systems and solutions. Check out my work experience!

Work Experience

Solarity (2021-06 – Current) 2 year 11 months - Software Developer 2

Javascript, C#, SQL Server, Open Telemetry, Prometheus, Jaeger, Honeycomb, Active Directory, Gitlab Pipelines

(*Health Information Accuracy, Accessibility and Interoperability*)

- Developed a system for automatically creating/managing Shadow Accounts for Citrix via AD. The solution would use claims from SAML logon to create the account automatically. This change eliminated unnecessary logins and removed replication wait times.

- Designed a system for creating and exporting telemetry data(metrics and traces) from hundreds of services for system monitoring and debugging. Used Open Telemetry with data storage and alerting done with Jager, Prometheus, and Honeycomb.

- Designed a system for storage of secrets and passwords. This would use an encryption service which would select and change the algorithm depending on support. Used HasiCorp's Vault to store and encrypt data.

LMS Project (2020-06 – Current) 1 year 2 months - Associate Application Developer

Vue, PHP(Symfony), MySQL

(*A platform for construction project management, invoicing, budgeting, payments, and more*)

- Developed automated check creation cutting the delivery date of checks in half.

- Developed robust check monitoring and reconciliation.

- Built report generation for invoices and payments to allow a user to track projects.

- Built internal tooling API's and Vue pages for project monitoring and analytics.

Education

Dakota State University Bachelor of Science

- Computer Science, graduated with honors.
- 3.5 GPA

Programming Projects

YTLocker

React (Typescript), Golang, MySQL

(*Automatic creation of playlists to manage YouTube subscriptions.*)

- Create playlists, subscribe to channels, watch as videos are automatically added seconds after upload.

- Integrated with the YouTube Data API to create playlists and add videos.

- Single line build commands using Docker with Docker-Compose, to help new developers.

- Test driven development for code maintainability.

- Github, Live Preview: https://ytlocker.com/

Goal Tracking and Planning Website

React, C# (.NET, ASP.NET), T-SQL

(*Simple website to track goals over time.*)

- Implemented multiple pages and views without the need to reload the page.

- Implemented a RESTful API for Registration/Login with the ability to create, maintain, complete, and delete goals.

- Github, Live Preview: https://goal-tracker.killiandebacker.com/