Lead Software Engineer

JAMIE LEVINER

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EXPERIENCE

ACS Technologies
Lead Software Engineer | March 2022 - present

- › Performed system-wide data updates using large third-party data sets and MS SQL Server.

- › Generated international vector Mapbox tilesets (mbtiles) using MS SQL Server, WSL, Tippecanoe, and an Ogr2Ogr GDAL (translator library for geospatial data formats).

- › Standardized and documented the tagging and release process.

- › Set a monthly cadence for production releases where before releases were only taking place two or three times annually.

- › Integrated Tableau dashboards, analytics, and other data visualizations into a large .NET MVC application.

- › Instituted scrum ceremonies and promoted their adoption by the team.

- › Rewrote the developer setup documentation (originally a 43 page Google document), reducing its size by ~50%, and moved it into version control.

- › Created API endpoints in a .NET Core application to be used by the IT department for auto-provisioning new clients and client activation/deactivation.

- › Integrated the Help Portal (a site to provide user documentation) with a .NET Core / Angular / TypeScript application.

- › Diagnosed and corrected issues preventing code generation between projects and documented instructions for use.

ACS Technologies
Senior Software Engineer / Front-End Lead | April 2021 - March 2022

- › Led a small team of developers tasked with building an analytics dashboard using Snowflake and the Sisense business intelligence tool.

- › Embedded the analytics and data visualizations from Sisense into a Vue SPA.

- › Integrated the stand-alone Vue SPA into a large, high-volume .NET MVC application (as a Vue SPA).

- › Implemented and automated version control in the Sisense development console (a feature not supported at the time).

- Worked closely with UX / Design to determine technical feasibility of figma design mockups and negotiate changes when necessary. Joined with UX / Design to conduct multiple user sessions to test the solution's viability.

- Trained all team members to edit and build the project from within the .NET MVC application and deploy the application to the testing environment using Team City. Had each team member demonstrate that they could complete the tasks from our training (increasing the bus factor).

- Removed all code authored during the previous iterations of the Advanced Analytics project from the .NET MVC application.

ACS Technologies
Software Engineer | July 2017 - April 2021

- Frequently handled integrations between internal projects written in Vue.js, C#/.NET MVC, and Golang as well as integrations with third-party services and external API's.

- Created tools to standardize and improve developer experience and accelerate the rate of development (enum/JavaScript generator, dynamic link builders with permissions set via JWT, etc).

- Reported team progress and project development status to management and stakeholders at the close of each sprint.

- Hosted (and regularly presented at) open invitation tech talks with an average attendance of 20-30 people from multiple departments and with varying levels of technical experience.

- Provided leadership as a subject matter expert (SME) in analytics and styling languages (CSS/SCSS/LESS).

- Redesigned a reporting engine to mitigate serious performance issues and increase its capacity to generate client data in multiple formats.

- Created multiple SPA's by leveraging modern functionality (code-splitting, etc.) using Vue.js, Vue CLI, Vuex, Vuetify, and other various tools.

- Developed an SSO authentication layer to provide a centralized integration point for internal and external products both future and present.

- Designed and created a component library using Vue.js SFC's, Rollup, npm, and Github Packages that generated npm packages.

- Designed and implemented new databases and schemas for account management and authentication across multiple products using PostgreSQL.

- Regularly met with the UX team to assess designs for technical feasibility, identify and step through user workflows, scope project requirements, and estimate effort prior to development.

- Designed and developed a tool for rapid prototyping and also helps in facilitating UX/UI A/B testing.