Jeffrey Puls

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WORK EXPERIENCE

Full-Stack Software Engineer *Nov. 2023 – Present*

Independent Contractor Remote

- Continued responsibilities from previous position at *Talogy*, now solely responsible for maintaining and enhancing the [*Solvably*](#) platform
- Responsible for the deployment of new builds to multiple environments via **AWS ElasticBeanstalk**
- Collaborated with the client to prioritize and implement new features and bug fixes, enhancing user experience and platform functionality

Full-Stack Software Engineer *Mar. 2022 – July 2023*

Talogy (formerly PSI Services Inc.) Remote

- Continued responsibilities from previous position at *MassiveU*, providing feature development, debugging, and maintenance of the *Solvably* platform (re-branded to the *AIM Learning System*)
- Played a key role in restructuring the app from its original monolithic, single-purpose state to a multi-modular talent management and assessment platform
- Created a web-scraping tool used to parse, format, and categorize hard-coded legacy **HTML** content, allowing automated ingestion into **RDS**
- Refactored and consolidated multiple legacy editing tools, ultimately building a comprehensive in-platform content authoring tool used by internal content teams and end-users
- Completely rewrote several legacy client-facing interfaces, resulting in greatly improved routing structures, page-to-page render times, API hit rates, and codebase maintainability
- Crafted a modular validation schema generation tool, compatible across both ends of the web stack
- Responsible for the inception of a standardized style guide used by the development team to create more consistent, maintainable code across the platform

Full-Stack Software Engineer *Mar. 2021 – Mar. 2022*

MassiveU (acquired by PSI Services Inc. in 2022) Remote

- Responsible for major feature development, debugging, and legacy code maintenance for Solvably, a multi-tenant web-based collaborative problem solving education tool
- Built a self service SaaS marketplace portal, including shopping cart / checkout flow with payment processing via integration with the Stripe SDK
- Implemented an in-platform team voice chat system, featuring automated meeting recording and voice transcription features via integration with the AWS Chime, Lambda, and SQS cloud services
- Provided porting, debugging, and maintenance of features for Solvably's contest-based sister platform, notably used to host the ASA Solve Together contest series

EDUCATION

Self-taught Software Development   *2017 – Present*

- Extensive self-study and practical application in software development principles, and technologies.
- Continuous learning, staying up-to-date with the latest industry trends and advancements.
- Development of various personal open-source software projects including:
  - *Spredible* – A serverless web application built with **React** and **Supabase**, for creating and sharing recipes with friends and family
  - *Domain Destroyer* – A web-based port of the classic Windows game *Desktop Destroyer,* written in **Typescript**
  - *Thorium-UI* – A custom **React** UI component library

ACCOMPLISHMENTS

- Played a pivotal role in the development of a startup application, leading to a lucrative exit and subsequent acqui-hire of the entire development team by a larger company.
- Actively participated in *Hacktoberfest 2020*, making multiple significant contributions to my open source projects

SKILLS & TECHNOLOGIES

Languages: JavaScript, Python, C#, Typescript, SQL

Front-End: HTML5, CSS3, React, Bootstrap, Bootswatch, LESS, SASS, Storybook, responsive design

Back-End: Node, Express, Sequelize, MySQL, Socket.io, RESTful APIs

Cloud Platforms: AWS, Netlify, Supabase

AWS Cloud Infrastructure: S3, EC2, RDS, Chime, Lambda, ElasticBeanstalk, SQS, SNS, CloudWatch

DevOps: Git, GitHub, GitLab, Jira Cloud, Agile, pull request flow

Software: WebStorm, VSCode, Sourcetree, Docker, MySQL Workbench, Figma, NPM

CERTIFICATIONS

- Google IT Support Professional (*Coursera, 2020*)
- AWS Fundamentals: Going Cloud-Native (*Coursera, 2021*)

PERSONAL INTERESTS

- Rocketry, space exploration & astronomy
- Video games
- Sports cars
- Craft beers