SHAWN RAST

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Skills

Languages: JavaScript (NodeJS, Typescript, Vue/Vuex), Java, Python, C++, HTML, PHP, SQL
Software: Git, Unix, Azure DevOps Server (TFS), Amazon Web Services, Visual Studio, Nginx

Experience

Senior Programmer Analyst, American National Insurance: Sept 2018 - present

- Developed a new web application in a small team to replace legacy software, cutting licensing costs and expediting new features. Used modern full-stack technologies: NodeJS, Typescript, NestJS, Vue, Vuex, and TypeORM.
- Suggested and led efforts to substantially change the team development workflow to use GitFlow branching as well as pull requests. This improved code quality and facilitated change tracking by linking user stories, testing steps, and commits in our project management software.
- Maintained and extensively modified six Java-based Interactive Voice Response (IVR) applications, working with internal and external teams to implement detailed logging, fraud detection, and automated reading of policy information. Became the IVR subject matter expert for my team and was responsible for investigating outages and training teammates.
- Supported a full-stack call center agent application on a small team using Java EE and ExtJS. Refactored front end to call web services asynchronously, reducing page load time by ten seconds.
- Independently implemented and tested three NodeJS scripts for purging thousands of records from the databases for which my team was responsible as part of a company-wide record retention initiative.

Development Intern, TiER1 Performance Solutions: May 2016 – March 2018

- Developed both standalone and Sharepoint-housed web solutions, both for internal projects and external clients using Javascript, HTML, and Sass.
- Met with clients to refine requirements and discuss the feasibility of their ideas.

Projects

TrackRecord - https://trackrecordlive.shawnrast.com

Full-stack web application (NestJS, Vue, MySQL, Python) for logging Spotify listening history.

- Hosted on an Ubuntu server in AWS using Nginx.
- Source available at https://github.com/rastshawn/spotify-history-sharer

gp_bot

A NodeJS+Express script for interacting with a group chat. Fuels inside jokes by connecting to Reddit, Wikipedia, and a MySQL database.

- Self-hosted on a Raspberry Pi running Ubuntu.
- Source available at https://github.com/rastshawn/general-purpose-groupme-bot

Education

Miami University - B.S. in Computer Science, B.A. in Music: December 2018

- Dean's List, Fall 2014 and Spring 2016. Overall GPA 3.34/4.00
- Computing Scholar, University Academic Scholars Program, University Honors Program