Josef J Aidt

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OBJECTIVE

I am looking to challenge my abilities in web development and engineering. By applying my operational IT background, I seek to further my abilities in JavaScript's Node.js and its growing role in web applications and infrastructure.

I would like to focus in development that is web-centric, whether that be front-end with React, back-end with Node.js or Express, or full-stack. Overall, I aim to improve my skillset and maximize my value as a software developer, both technically and interpersonally.

LANGUAGE & TECHNOLOGY PROFICIENCIES

- Node.js web and console applications
- Front-end: HTML/CSS, SCSS, JavaScript
- Front-end JS Framework: React
- Native: C#, C++, Objective-C
- Object-Oriented Design
- Scripting: Python, PowerShell, batch, bash
- Database: SQL, MySQL, Oracle SQL, MongoDB
- Modern Build Tools: Webpack, Babel
- "Legacy" Build Tools: Grunt, Gulp
- Package Managers: npm, primarily Yarn
- Azure Cloud web app bots
- Methodologies: SCRUM (using Trello)

PROFESSIONAL EXPERIENCE

Programmer 1   *August 2017 – Present*
FMOL Health System, Baton Rouge, LA
- Uses JavaScript and JQuery to accomplish various tasks within mature ERP environment, Lawson Infor
- Designs and develops internal charitable giving campaigns, front-end benefits enrollment form changes, and interfacing with external companies
- Engineered pure front-end JavaScript cryptography solution to pass encrypted employee user information to an intranet site, using C# and Windows's native cryptography library to deliver employee benefits statements
- Utilizes MSSQL Server Reporting Services and Crystal Reports to deliver reports such as supply chain asset management, financial reporting, and employee turnover; primarily from ERP's Oracle database
- Utilizes Tableau to visualize – and enhance – legacy reporting to provide interactive, meaningful results

Information Systems Support Analyst I   *May 2014 – August 2017*
FMOL Health System, Baton Rouge, LA
- Managed, tested, and deployed VDI inventory. Created and managed standardization documentation.
- Database Design – mobile app and PHP web services integration developed to streamline equipment receiving process, and interface with existing asset management database
- Virtualized (P2V) legacy hospital applications hosted by local support into VMWare
- PowerShell and batch scripting automation of time-consuming tasks (reporting Bitlocker encryption status, IE versions, mass editing of configuration files, removing manually installed software)
- Lead multiple projects to provide streamlined deployment processes and documentation practices
  - VDI endpoint deployment projects to replace thick client installations on multiple units across hospital units and its clinics (~1,200 devices overall)
  - Replace and install new clients in high-intensity areas: multiple OR wings, ER, and CVL departments
  - Orchestrated equipment relocation during a hospital unit renovation project
- Mentored new interns and high school work study students on general troubleshooting, documentation, deployments, and disposal procedures

PERSONAL PROJECTS

Discord Chat Bot
A weather-focused chat bot designed to return general weather and forecast information
- Node.js Headless Web Application
- Engineered to use class-based modular approach similar to React, with native-like file structure
- Build Automation: Babel for transpiling ES6+ for Node.js 10 and Yarn for automating build processes
- API's Used: Promise-wrapped API libraries, discord-js and weather-js; Wunderground API
- Code Styling: ESLint extending Standard.js for linting, Prettier for formatting

Home Media Website
Act as frontend for home media server setup, including Plex viewing metrics
- Node.js Full-Stack Web Application
- Back-end: Node.js web server and reverse proxy to communicate with container web portals
- Front-end: React with SCSS, plan to render PLEX statistics via Tautulli
- Build Automation: Webpack with Babel
- API's Used: Twitter
- Code Styling: Standard.js for linting, Prettier for formatting

Home Media & Network Infrastructure
Dedicated to serving PLEX, supporting applications, and Discord bot
- Multiple headless CentOS hosts running as Docker worker endpoints
- Portainer for endpoint and stack management, used Rancher in previous build
- Custom on-login reporting via bash script for storage, network, and resource utilization
- Three wireless endpoints, utilizing a primary router/DHCP/DNS and two routers acting as wireless AP's
- Internal SFTP file store

EDUCATION

Louisiana State University, Baton Rouge, LA
Bachelor of Science - Information Systems and Decision Sciences
Activities: LSU Tiger Marching Band, Association of IT Professionals LSU Chapter

ACCOMPLISHMENTS

Boy Scouts of America – Eagle Scout
2009 Philmont Scout Ranch attendee
2010 Centennial National Scout Jamboree attendee

VOLUNTEER WORK

Geaux BIG Baton Rouge 2015
Annual event held by LSU Campus Life to give a streamlined opportunity for students to give back to the community; involves simple tasks such as landscaping, pressure washing, painting, and elderly assistance

Our Lady of the Lake Hospital
Provided DJ and music entertainment services for community events such as annual Easter and Halloween celebrations. Also participated as a member of the company-sponsored team for the Jambalaya Jam 2018 event, which benefits the Capital Area United Way campaign.

Krewe of Apollo Baton Rouge
Provided DJ and music entertainment services for various events such as local concerts, crowning galas, and fundraising ball