Jarrod Davis

📍 Colorado Springs, Colorado, United States   ✉ jobs@jarrodldavis.com

↖ https://jarrodldavis.com   🐙 jarrodldavis   in jarrodldavis

Profile

I am a software engineer and full stack web developer who enjoys building delightful experiences and helpful tools. I have experience with command line tools, scripting, automation, web applications, and web services.

Professional Experience

Upwork, *Freelance Software Engineer* ⬈   Nov 2019 – present
Various web development, software engineering, and scripting/automation projects

- Identified and implemented solutions to resolve issues with an open source Jekyll site
- Configured a reference full stack GraphQL project using React.js, Next.js, Auth0, Apollo, and Hasura
- Developed a Python script to collect information from git commits into a CSV file for analysis
- Investigated and fixed an issue with a Node.js script that uses Puppeteer to scrape web page data
- Created a Node.js script that uses REST APIs to generate reports and upload them to Confluence
- Created AWS Lambda functions to receive webhooks and interact with external REST APIs
- Created a PowerShell Desired Configuration State script to automate Windows 10 management
- Updated a Java/Selenium app to run in Docker for Azure Container Registry
- Developed a Chrome extension to provide keyboard shortcuts for Gmail's compose editor
- Configured a boilerplate Craft CMS project in Docker using Docker Compose
- Created a Cloudflare Worker to manipulate web page content on-the-fly
- Investigated a Sapper/Firebase app deployment and provided guidance on alternate strategies
- Developed a script to convert Shopify blog entries to Markdown for a new Jekyll site
- Created a custom Plex Media Server plugin to match media to metadata from an external REST API
- Performed various administrative and data entry tasks

Additional Technologies: TypeScript, JavaScript, Ruby, Python, openpyxl, exceljs, webpack, git, GitHub, Bitbucket, Azure Service Bus, Svelte.js, unified.js, remark, rehype, AWS Step Functions

Axxess Technology Solutions, *Senior Web Engineer* ⬈   Jul 2016 – Jun 2018
HomeCare SaaS product for home care and private duty agencies

- Transitioned to the technical team lead role
- Participated with project and product management in the refinement and prioritization of bug fixes, enhancements, and features
- Managed deployments for multiple environments using TeamCity and Octopus Deploy
- Integrated the product with multiple systems internal and external to the company
- Onboarded and mentored new and existing team members
- Wrote documentation for project setup, version control strategies, and deployment workflows

Additional Technologies: git, C#, .NET, MySQL, MongoDB, Redis, Couchbase, RabbitMQ, Knockout.js, webpack, Babel, Sass, WCF, ASP.NET MVC, jQuery, MSBuild, Docker Compose, Vue.js, .NET Core

Axxess Technology Solutions, *Web Engineer* ⊡   Mar 2015 – Jul 2016
HomeCare SaaS product for home care and private duty agencies

- Maintained a full stack ASP.NET MVC 5 and JavaScript/jQuery web application
- Introduced features into an existing complex codebase across the frontend, backend, and database
- Participated in peer code reviews and quality assurance (QA) testing
- Increased development efficiency through optimizations of engineering workflows
- Defined and distributed a Docker Compose project for the backend's data services for a consistent and always-available local development environment
- Initiated the introduction of new technologies (including Vue.js) for major new features
- Designed and developed a new ASP.NET Core API for retrieving and updating application data in coordination with mobile app engineers

Additional Technologies: git, C#, .NET, MySQL, MongoDB, Redis, Couchbase, RabbitMQ, Knockout.js, webpack, Babel, Sass, WCF

Education

Neumont College of Computer Science,   Oct 2012 – Mar 2015
Bachelor of Science in Web Design and Development ⊡
My education at Neumont provided key skills and experience ranging from hands-on learning with a variety of technologies to team-based projects, both on-campus and embedded within real-world companies.

Skills

Software Design Patterns and Methodologies *(Object-Oriented Programming (OOP), Model-View-Controller (MVC), Dependency Injection (DI), Inversion of Control (IoC), Representational State Transfer (REST), Agile (including Scrum))*,
Programming Languages *(HTML, CSS, PHP, JavaScript, TypeScript, Java, C#, Ruby, Python, SQL, Stylus, LESS, Sass)*,
Integrated Development Environments *(Visual Studio, ReSharper, IntelliJ, PyCharm, Eclipse, Visual Studio Code)*,
Version Control *(git, SVN, Perforce, GitHub, Bitbucket, GitLab)*, **CI and CD** *(TeamCity, Octopus Deploy)*,
Task Runners and Compilers *(Grunt.js, Gulp.js, MSBuild, Babel, webpack)*,
Package and Dependency Managers *(NuGet, npm, Yarn, RubyGems, Bundler, pip)*,
Backend Web Frameworks *(J2EE (Java Enterprise Edition), ASP.NET MVC, Ruby on Rails, Django, ASP.NET Core, Express.js, middy.js)*,
Data Servers *(MySQL, MongoDB, RabbitMQ, Couchbase, Redis, Hasura GraphQL)*,
Application Runtimes *(TomEE (Tomcat for Java EE), Internet Information Services (IIS), Node.js, .NET Framework, Windows Communication Foundation (WCF), .NET Core, Docker, Chrome (browser extensions))*,
Cloud Services and Platforms *(AWS (Amazon Web Services), AWS Lambda, Auth0, Azure Service Bus, Azure Container Registry, Cloudflare Workers, Firebase Authentication)*,
Frontend Web Frameworks and Libraries *(Ember.js, Knockout.js, Vue.js, React.js, Next.js, Svelte, Sapper, jQuery, jQuery UI)*,
Additional Development Tools *(Unix command line, AWS SAM (Serverless Application Model), AWS CloudFormation Templates, Docker Compose, Windows PowerShell, Cloudflare Wrangler)*,
Additional Libraries *(Underscore.js, Lodash, Axios, Hangfire, Entity Framework Core, exceljs, SheetJS, openpyxl, Apollo GraphQL, Puppeteer, Selenium, PowerShell Desired Configuration State, unified.js (vfile, remark, rehype))*