
Professional Experience

Upwork, Freelance Software Engineer

November 2019 – present

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 repository commits into a CSV file for analysis
- Investigated and fixed an issue with a Node.js script that uses Puppeteer to scrape data from a web page
- Created a Node.js script that uses the Screenshot Monitor and Jira Cloud APIs to generate an Excel report
- Created an AWS Lambda function to receive webhooks and interact with an external REST API
- Performed various administrative and data entry tasks

Additional Technologies: TypeScript, JavaScript, Ruby, Python, git, GitHub

Axxess Technology Solutions, Senior Web Engineer

July 2016 – June 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

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Profile

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

Education

Neumont College of Computer

Science, Bachelor of Science in Web Design and Development

October 2012 – March 2015

Axxess Technology Solutions, Web Engineer

March 2015 – July 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 optimization 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

Workfront, Frontend Developer Intern

January 2015 – March 2015

Internal company tool for developers using Python and MySQL

Technologies: git, Python, Django, PyCharm, Angular.js

MaritzCX, Developer Intern (UI/UX Team)

September 2014 – December 2014

Multiple user-facing web-based services for VoC (Voice of Customer) and EFM (Enterprise Feedback Management)

- Assisted in the selection of the CSS preprocessor to include in an existing development environment
- Integrated the Stylus CSS preprocessor into the existing build system
- Investigated and fixed bugs of several JavaScript UI components
- Utilized jQuery UI to create new widgets, including compositions of other widgets

Additional Technologies: Perforce, Visual Studio 2010

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

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

Data Servers

MySQL, MongoDB (NoSQL), 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

Cloud Services and Platforms

AWS (Amazon Web Services), AWS Lambda, Auth0

Frontend Web Frameworks and Libraries

Ember.js, Knockout.js, Vue.js, React.js, Next.js, jQuery, jQuery UI

Additional Development Tools

Unix command line, AWS SAM (Serverless Application Model), AWS CloudFormation Templates, Docker Compose

Additional Libraries

Underscore.js, Hangfire, Entity Framework Core, exceljs, SheetJS, openpyxl, Apollo GraphQL, Middy.js, Puppeteer