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## Professional Experience

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### 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

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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.

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## Education

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### 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*