

JOSHUA NATHANIEL MILLER

SOFTWARE DEVELOPER

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(319) 601 1361

EDUCATION

BS Computer Science
University of Iowa
2010 - 2012, 2014 - 2016

LANGUAGES

English (Native)
Spanish (W.I.P)

INTERESTS

Science Fiction
Baseball
Motorcycles
America

ABOUT ME

Iowa Native. Veteran. Lifehacker.

I'm the type of guy that if I see your shoe untied then I'll get down, tie it, and slap some velcro on those bad boys!

EXPERIENCES

Software Engineer

2017 - 2019

[Businessolver, West Des Moines](#)

I was a software engineer on the Automation Framework team within QA. I worked on building the automation testing framework with Selenium/Java/Cucumber. Some of the software I helped build includes:

- An editor built with React and Electron to help scripting teams build scripts easier.
- PL/SQL scripts to automate cloning among the test companies in the database for easier testing.
- Atlassian plugins for Bitbucket with features like Auto Merging and in-house Role Approval checks.
- I also worked on a testing tool included in our company's web application, Benefitsolver, which did compares on CSV's and other HIPAA compliant standards. This included a .NET program I built in Visual Basic for separating multiple tables.

Freelance Software Developer

2016 - Present

[HackCodeBoot, West Des Moines](#)

- Full stack development for clients across the U.S. and the world.
- Technologies include but not limited to PHP, Node.js, HTML, CSS, JavaScript, SQL, AWS, C#, Java, Android
- Extremely customer oriented and highly remote work.

CoFounder | Lead Developer

2014 - 2016

[MicDrop, Iowa City](#)

- Cofounded entertainment and technology startup through the John Pappajohn Entrepreneurial Center at the University of Iowa
- Lead a small team of developers in the implementation of web software
- Implement systems with Amazon Web Service solutions
- Database architecture and maintenance with focus on PostgreSQL
- UI/UX Design
- Ruby/Python/Unix Scripting and automation

Software Engineer Intern | Jr. Software Engineer

2014 - 2015

[Continuity Control, New Haven](#)

- Worked remotely with a focus on Agile software development
- Implemented features, testing, and hotfixes for core product used by hundreds of banks in the U.S.
- Followed strict practices and procedures as well as pair programming, code review, and test driven development

Student Network Associate

2010 - 2012

[Enterprise Infrastructure/Information Technology Services, University of Iowa](#)

- Configuring and testing network hardware such as switches, routers, and wireless access points with a focus on Cisco Systems
- Helped roll out Gbps infrastructure to include physical and wireless technologies
- Network maintenance and services
- Additional Information Technology services to serve campus needs.

Infantry | Commo Specialist | Team Leader

2004 - 2008

US Army, FT Campbell

- Set up company level tactical operations center for communications and advanced military technologies while serving overseas.
- Awarded Purple Heart and multiple Army Commendation Medals for combat operations in Iraq.

SKILLS & PROFICIENCY

- **Ruby & Ruby on Rails**
- **HTML, CSS & JavaScript**
- **React & Electron**
- **Amazon Web Services**
- **Relational Database Systems, PLSQL**
- **Python, C++, C#, & Java**
- **Selenium and Cucumber**
- **Android**
- **Linux/Unix Systems**