

Richard Gabriel Smith

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SUMMARY

Passionate about collaborating with other developers to implement all different types of software projects. With my time at Iowa State I've worked with 6 different teams of other developers on multiple projects; such as full-stack web applications and android mobile applications, start to finish. I usually take the lead in the team to ensure deadlines are met and everyone doesn't have any issues with their work, and if they do have issues, I'm always there to help.

TECHNICAL SKILLS

- | | |
|-----------------|-----------------------|
| • Java | • GIT Version Control |
| • C#/.NET | • PHP |
| • SQL | • HTML |
| • JavaScript | • CSS |
| • Node.JS | • XML |
| • MVC | • AWS |
| • Spring | • Problem Solving |
| • REST Services | • Agile Methodology |
| • JUnit | • Conflict Management |

PROJECTS

RunningMan

- Android application that allows a user to login and track runs or other activities. The front-end was implemented in Java/XML with the Android Studio IDE, while the back-end was implemented with Springboot framework, MySQL, and used a google maps REST API for location tracking features.

Storm

- Android weather application implemented in Java. Uses HTTP requests to get weather data from Darksky.net's REST API. Back-end stores favorite locations and user login info into a MySQL database.

FlashBang

- Web Application created in a team of 4 at Iowa State University. FlashBang is a flashcard study aid app that allows users to login and send messages/cards to eachother via WebSocket API. Implemented in Javascript, Node.JS, PHP, and Mongo DB.

PROFESSIONAL EXPERIENCE

Nguyen Information Consulting, Des Moines, IA

Summer 2019

Software Engineer Intern

- Coded in an Agile environment with bi-weekly sprints involving implementation of new features and bug fixes for the MEASURE

AUTHORINGTOOL(MAT) Java web application.

- Wrote Java code, XML code, and SQL queries for the web app on a daily basis and pushed all code changes to separate feature branches
- The team of 4 other developers and I would review each other's code pushes. If it looked good, we would merge the specific feature branch to the development branch, make a successful build, then have QA test our code before finally merging to the master branch (but developers also test their code before pushing it anywhere).
- GWT framework
- Held meetings everyday with the scrum team, we used Telligent Quickbuild, Jira, and BitBucket for team collaboration.

IT Solution Center, Ames, IA
Lead IT Specialist

08/2016 to 04/2020

- Develop updates and new front-end features to the ISU website in HTML, CSS, and PHP.
- Provide technical knowledge to troubleshoot issues involving VDI, VPN, networking, Cisco phone administration, hardware, and password resets for students and faculty of Iowa State University.

EDUCATION / PROFESSIONAL DEVELOPMENT

Bachelor in Software Engineering – Iowa State University – GPA 3.05

2016 - 2020

Additional Training / Company Coursework:

- All projects and course work can be found on my GitHub – <https://github.com/gabesmith08>
- Java certification on LinkedIn
- Certified Engineer