George Tiersma

FULL-STACK SOFTWARE ENGINEER

EXPERIENCE

DigitalFusion (Remote - Los Angeles, CA)

Software Engineer *(March 2021 - present)*

✦ Participates in the feature development, bug remediation, and product discussion of the photo-management SaaS application, DF Studio.

✦ The auditing system (**Java/Kotlin**) was unnoticeably recording data incorrectly. Took initiative to own it, troubleshoot it entirely, fix the issues, document it, and build a JUnit-based testing utility for it to ensure future stability.

✦ Engineered a highly-performant, re-usable virtual scrolling tool (**TypeScript**), allowing for massive tables and lists of reactive data to be displayed in various locations in the website.

✦ Dropped the number of customer support tickets that required developer intervention by 17% by building multiple internal full-stack **Vue.js** database tools for the technical support team

✦ Safely designs complex optimized **SQL** statements to fix corrupt data for customers. This is done in collaboration with the tech support team.

✦ Reduced the AWS bill by over $200 per month by modernizing the email Contacts system (**JSP/Struts**) from using server-side CloudSearch filtering to using basic client-side JS filtering through reactive Vue components.

✦ There were multiple places in the UI that had poor UX by requiring the user to enter text in a very specific syntax. Took initiative to work with cross functional team members to redesign the data entry process in a much more user-friendly manner.

✦ Simplified **vue-router** parameter management for the development team by building a companion class that majorly simplifies the process and internally handles edge-cases.

✦ Completed over 500 tickets for various features, bug-fixes, and improvements to date

EDUCATION

Associate's of Applied Science w/ Certificate in Computer Programming

Chemeketa Community College (Salem, OR)

January 2015 - June 2019

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(503) 991-2686

Website:
https://gtiersma.github.io/

LinkedIn:
linkedin.com/in/gtiersma/

GitHub:
https://github.com/gtiersma

Location:
Stayton, Oregon

TECH SKILLS

BACKEND:
- ✦ Java
- ✦ Kotlin
- ✦ JSP / Struts
- ✦ Python Scripting*
- ✦ C# / .NET*
- ✦ JUnit
- ✦ Test Driven Development*
- ✦ Object-Oriented Programming
- ✦ Domain Driven Design

FRONTEND:
- ✦ JavaScript / TypeScript
- ✦ Vue
- ✦ HTML / CSS
- ✦ Responsive Web Design

OTHER:
- ✦ Git
- ✦ SQL (Postgres)
- ✦ Node Packet Manager / Yarn
- ✦ Visual Studio*
- ✦ Photoshop / GIMP

* Asterisk signifies only acedemic and/or personal experience for the particular skill. No professional experience. Knowledge may be inadequate.