TOM GALLAGHER

Software Engineer II

📞 314-504-5565   @ thomasxgallagher@gmail.com   🔗 www.tgalg.com   📍 St. Louis

SUMMARY

Software Engineer experienced in web development and platform architecture. Proficient in various technologies including Node.js, TypeScript, JavaScript, and SQL. Well-versed in React, Express, and AWS services. Regularly uses Test-Driven Development in projects. Capable of working efficiently in remote and on-site teams. Looking for roles that align with my technical skills and passion for innovation.

EXPERIENCE

Consultant

Various Projects   📅 04/2023 - Present   📍 St. Louis

FlossTech
- Various full stack software engineering projects

Software Engineer II

Adalo   📅 12/2019 - 04/2023   📍 ST. LOUIS

Adalo is a no-code builder to help anyone create mobile and web apps.
- Advanced from Junior Software Engineer to Software Engineer II within a robust full-stack Node.js environment using TypeScript/JavaScript
- Pioneered Custom API Actions, allowing seamless interactions with third-party services, enhancing platform versatility
- Implemented an automation process for Native App Publishing, speeding up the time-to-market for users' apps
- Designed and deployed a microservice for load balancing custom domains using Docker, AWS ECS, and HAProxy
- Orchestrated a multi-tier subscription system, updating UX and backend API to accommodate new pricing structure
- Significant contributor to the "Build Once, Publish Everywhere" initiative for Adalo 2.0 Responsive Apps using Test-driven Development, built a layout engine for a WYSIWYG drag-and-drop editor with new responsive design features

Junior Technical Architect

Post Holdings, Inc   📅 07/2018 - 11/2019   📍 ST. LOUIS

Post Holdings is a leading American consumer packaged goods company specializing in diverse food categories, from cereals to active nutrition products.
- Optimized platform operations through the development of automation scripts
- Assisted in the migration of a large data lake from Oracle to Snowflake Cloud Platform
- Wrangled data and built Tableau views to assist internal performance
- Migrated ETL jobs from Informatica Powercenter to Informatica Cloud
- Authored comprehensive technical architecture documents and utilized Python for various automation tasks

Software Developer Intern

Global Velocity   📅 05/2016 - 08/2016   📍 ST. LOUIS

Global Velocity is a cybersecurity SaaS company specializing in encrypting and securing data in transit and at rest.
- Worked in a collaborative engineering team environment, refining skills in Scala and web development
- Contributed to the web-scrape security platform by developing check recognition software
- Ensured product excellence through unit tests and Selenium web browser automation

SKILLS

Node.js   JavaScript   TypeScript   React   React Native   Express   Oracle   PostgreSQL   Ruby   AWS   GitHub   Bash   Docker

EDUCATION

Udemy

Web Developer Bootcamp

📅 05/2018

Electrical Engineering & Computer Science

University of Kansas

📅 2015 - 2018

TOOLS & PRACTICES

⚛ **GitHub CI/CD & Version Control**
Proficient in automating deployments using GitHub's CI/CD pipeline and experienced in Git for organized code management.

⚛ **Code Review & Pair Programming**
Regularly conduct thorough code reviews, ensuring code quality and maintainability, while also engaging in pair programming for knowledge sharing.

⚛ **Cross-Functional Collaboration**
Effective liaison with Design, Product, and QA teams, ensuring seamless product development.

⚛ **Test Coverage & Performance Optimization**
Produce and analyze test coverage reports, focusing on software robustness and continuous performance improvement.

⚛ **Mentoring & Continuous Learning**
Proactive in mentoring junior developers with best practices and industry insights, while staying updated on the latest technologies and tools.

⚛ **Agile Methodologies**
Familiar with Agile and Scrum practices, participating in sprint planning, stand-ups, and retrospectives.

EXPERIENCE

Cofounder and Principal Engineer

Anmarth LLC 📅 03/2023 - Present 📍 St. Louis

Novel FinTech concept currently patent pending.

· Provisional patent for a prototype fintech
· Working with a team of three co-founders, we are currently still in stealth mode as we work towards building out the prototype of the concept and bringing our idea to market.

TOOLS & PRACTICES

⚛ **Documentation & Code Modularization**

Prioritize creating clear documentation and advocate for modular, reusable code for long-term maintainability.