

Tom Gallagher

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SUMMARY OF EXPERIENCE

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.

TECHNICAL PROFICIENCIES

Languages: (Node.js) TypeScript, JavaScript, SQL

Frameworks/Libraries: React, React Native, Next.js, TailwindCSS, Prisma

Database Systems: PostgreSQL

Cloud Services: AWS

Methodologies: Test-Driven Development

PROFESSIONAL EXPERIENCE

Adalo, ST. LOUIS, MO

Adalo is a no-code builder to help anyone create mobile and web apps.

Software Engineer II

December 2019 - April 2023

- Advanced from Junior Software Engineer to Software Engineer II within a robust full-stack Node.js environment using TypeScript/JavaScript.
- Pioneered Custom API Actions, developing an interface allowing makers to seamlessly interact with third-party services by building, saving and reusing custom API calls throughout their app, enhancing platform versatility.
- Implemented a Nodejs automation process for Native App Publishing, speeding up the time-to-market for users' apps.
- Designed and deployed a Nodejs microservice for maintaining a load balancing proxy for custom domains using Docker, AWS ECS, and HAProxy.
- Orchestrated a multi-tier subscription system, updating UX and backend API to accommodate a 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.

Post Holdings, Inc, ST. LOUIS, MO

Post Holdings is a leading American consumer packaged goods company specializing in diverse food categories, from cereals to active nutrition products.

Junior Technical Architect

July 2018 - November 2019

- 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.

Global Velocity, ST. LOUIS, MO

Global Velocity was a cybersecurity SaaS company specializing in encrypting and securing data in transit and at rest.

Software Developer Intern

May 2016 - August 2016

- 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.

EDUCATION

Udemy

Web Developer Bootcamp, May 2018

University of Kansas

Bachelor of Science, Electrical Engineering & Computer Science (Incomplete)

January 2015 - May 2018.