Tom Gallagher

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Tom Gallagher
Full Stack Software Engineer
https://www.tgalg.com/

Career Objective

Dynamic Full Stack Web Developer and Platform Architect with a proven track record of leveraging cutting-edge technologies to drive customer engagement and operational efficiency. Quick to master new languages and tool suites. Known for thriving in both remote and in-person settings, and for bringing a test-driven, collaborative approach to team projects. Currently seeking a challenging new role where I can utilize my technical skills and passion for innovation.

Technical Proficiencies

- Languages: (Node.js) TypeScript, JavaScript, Ruby

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

- Database Systems: PostgreSQL

- Cloud Services: AWS

- Methodologies: Test-Driven Development

Experience

December 2019 - April 2023
Adalo
Software Engineer II

- Progressed from Junior Software Engineer to Software Engineer II, contributing to a full-stack Node.js environment primarily using TypeScript/JavaScript.

- Played key roles in the development of critical features such as:

    - **Custom API Actions:** Developed a feature that enabled users to seamlessly interact with third-party services, leading to an increase in the platform's flexibility and user satisfaction. This also broadened the range of use cases our platform could address, indirectly contributing to a 15% increase in user retention.

    - **Automated Native App Publishing:** Implemented an automated process to expedite the native app publishing process, reducing manual workload by 60%. This innovation led to a faster time-to-market for our users' apps and improved the overall user experience.

    - **Microservice for Load Balancing Custom Domains:** Led the design and implementation of a load balancing microservice using Docker, AWS ECS, and HAProxy. This microservice automatically registers new custom domains added by users to our HAProxy setup, ensuring optimal load balancing and enhancing system performance. This system update increased platform scalability, preparing our infrastructure for continued user base growth.

    - **Tier-based Subscriptions:** Led the development of a multi-tier subscription system to diversify revenue streams and meet diverse user needs. The new system increased our subscription revenue by 25%, while allowing for better customization for users.

    - **Adalo 2.0 Responsive Apps - "Build Once, Publish Everywhere":** Contributed significantly to the design and development of our platform's responsive app feature. This major update allowed users to create an app once

and publish it across various platforms, reducing their development time and increasing platform usability. This feature was instrumental in a 20% growth in our user base.

July 2018 - November 2019
Post Holdings, Inc
Junior Technical Architect

- Streamlined core platform operations through the development of automation scripts that interact with APIs.

- Assisted in the migration of data lake from Oracle to Snowflake Cloud Platform.

- Authored and maintained comprehensive technical architecture documents.

- Utilized Python to automate various internal tasks and set up a clustered agent environment for Informatica Cloud to offload processing.

May 2016 - August 2016
Global Velocity
Software Developer Intern

- Collaborated with a team of engineers using GitHub, Trello, SourceTree, and other applications, honing skills in Scala and web development.

- Assisted with web-scrape security platform by creating check recognition software using Tesseract OCR, C++, and Scala.

- Ensured product quality through unit tests and Selenium web browser automation.

Education

- **Web Developer Bootcamp**, Udemy, May 2018

- **Bachelor's Degree in Computer Science (Incomplete)**, University of Kansas, January 2015 – May 2018.