

Kurt Tomlinson

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PROFESSIONAL SUMMARY

Software engineer with strong technical, leadership, and planning skills. Experienced in building scalable and extensible software. Focused on delivering positive outcomes for customers.

SKILLS

Languages C++, Ruby, TypeScript, JavaScript, Python, Java
Web Backend Ruby on Rails, PostgreSQL, Docker, NGINX
Web Frontend React, GraphQL, Gatsby, Webpack, Yarn, NPM

EXPERIENCE

Meta – *Software Engineer, WhatsApp Calling Infrastructure Team* 2021 - Present
Led the design and implementation of dynamic configuration of the WhatsApp Calling relay server on a per-call and per-participant basis. Added features enabling server-side bandwidth allocation for clients and dominant speaker detection.

TaskRabbit – *Senior Software Engineer II, Growth Team Technical Lead* 2019 - 2021
Initiated and led the conversion of landing pages from Ruby on Rails to Gatsby to improve performance, grow organic traffic, and increase revenue. Integrated existing web and mobile apps with an A/B testing provider (Optimizely), documented the resulting system, and trained other engineers on creating A/B tests and extending the system. Implemented various A/B tests in both mobile and web applications that resulted in increased customer conversions.

SalesLoft – *Full Stack Engineer, Team Lead* 2018 - 2019
Developed new features and fixed defects in a Rails/React/Angular code base. Prioritized, planned, and delivered new features. Encouraged adoption of software development best practices through pairing, mentoring junior developers, and giving technology-related talks.

Tyrannosaurus Tech – *Software Engineer, PsiWare Project* 2019 - 2019
Advised on technical decisions around multi-tenancy and full-text search. Built backend features including a GraphQL API, CSV exporter, and type-ahead input field support.

AMP Consulting – *Software Engineer, CapTravel Project* 2018 - 2018
Built CapTravel's minimum viable product with a team of other engineers. Feature work included a map showing traveler locations, a graphical dashboard, and in-place editing.

Texas Instruments – *Senior Validation Engineer* 2013 - 2018
Developed software for automated testing of new semiconductor devices. Built a data processing pipeline for visualization and analysis of test data. Increased testing throughput.

EDUCATION

Georgia Institute of Technology
MS, Electrical and Computer Engineering GPA: 4.00/4.00
BS, Electrical Engineering with Highest Honor GPA: 3.97/4.00