Tamara Paula Temple

Webologist and Software Craftsperson

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Summary

Working at the intersection of Rails, GraphQL, and React, developing modern web applications with fast response times. Deeply experienced in software architecture, design, and development methodologies, especially related to the disciplines of web applications, user experience, team building, and processes.

Skills

general	business analysis, consulting, facilitating, software engineering, teaching, web development	software engineering	APIs, architecture, backend, coding, debugging, frontend, full-stack, GraphQL, low-level design, macro- and microservices, REST, testing, tool chains
libraries + frameworks	ApolloClient, ApolloServer, GraphQL, jekyll, middleman, Rails, React, Sinatra	databases	PostgreSQL, Redis, TimeScaleDB
languages	CSS3, HTML5, JavaScript, PHP, Perl, Python 3, Ruby, SCSS/SASS, Shell	servers	AWS ECS, EBS, S3, Cloudfront, Netlify, nginx, puma, unicorn
tools	babel, Emacs and Org-mode, make, Miro, Node.js, Notion, npm/npx, rake, RubyMine, Storybook, thor, webpack, Webstorm, yeoman (yo)	testing	Jest, Minitest, RSpec, Testing Library

Methods	Agile development, scrum master; Continuous everything – testing, integration, deployment (CT/CI/CD); Functional Programming; Object-oriented analysis, design, programming, and testing; Precision elicitation and facilitation, communication for action; Process flow analysis, systems theory, cybernetics; Program architecture and design; NLP (Neuro-linguistic Programming) practitioner; Structured analysis, design, development, and testing; Test-/behaviour-driven development; Time series analysis; User-/task-centered design

Experience

2020-2022 — **Staff Software Engineer**, *Drip, LLC*, Remote

Primarily focused on providing consumer and market analytics, insights, and guidance in the Drip app that enables Drip customers to become more capable email marketers. Acted as a project manager to plan, document, and track projects for the team. Software architecture and design for major features in the insights area, and providing mentoring, direction and guidance to other engineers in Drip.

○ Developed an architecture for providing recommendations, insights, and proposed next actions to Drip users (i.e. email marketers)

○ Developed a microservice to deliver time scale metrics in order to speed up customer analytics pages

- Designed an architecture to provide a Guidance System that would be able to take requirements and copy for guidance from any product team and others, and provide it to the front end where needed based on metrics and benchmarks
- Member of the Diversity, Equity, and Inclusion team at Drip, and led the DEI Affinity Groups project to produce a guide for forming and running affinity groups (i.e. employee resource groups) within Drip
- Led a team to produce a mentoring and learning environment at Drip, including a guide for mentors and mentees, tools to find or offer mentoring, connecting mentees with mentors, and reporting results
- In the absense of any project management or leadership in the insights area, acted to perform discovery, planning, discussion, documentation, and create the Epics and Stories for each project, and monitored seeing it through to completion

2017-2020 **API-driven Rubyist, React/GraphQL Maven**, *ReachLocal (Gannett), Kickserv Product*, Minneapolis, Minnesota/Remote

Software engineering across the entire application stack from the back end in Ruby on Rails with a Postgresql database, implementing a GraphQL server controller with various queries, types, mutations, and resolvers to implement a GraphQL API, and create a React front end that consumes that GraphQL API with Apolloclient in order to replace the legacy JavaScript code from over a decade of various implementation styles and libraries, giving a modern, cohesive approach to front end web application development.

- developed the Rails GraphQL backend for the product.
- architected and developed the JavaScript front end code in React to provide a good separation of concerns ensuring testability and writing tests where none existed prior; lowering maintenance costs, and ensuring easy replaceability to enable new features to be added with less overall effort and more predictability.
- built Rails models, controllers, views, and React components for new Kickserv features.
- rebuilt all the tooling for building, testing, and delivering front end code with the Rails application, using modern build technology such as webpack (using webpacker), jest, and the JavaScript Testing Library

2001-2017 **Indepndent Contractor**, *Pontiki Software Crafts*, Mendota Heights, Minnesota/Remote

Constract software development of web applications, websites, and tools

- Clients: Ackmann and Dickenson, Software for Good, Bluewaterbrand, Novu, Shopzilla

1980-present **Various positions**, *Hewlett-Packard (San Jose, Palo Alto)*

Internal Process and Technology Consultant, Senior Software Engineer/Scientist, Software Quality Engineer manager of 10 engineers, Senior Software Quality Engineer

- Career as a software developer, business analyst, process and technology consultant, author, facilitator, trainer

Education

1975-1980 **Bachelor of Science, Computer Science**, *University of Minnesota*, Minneapolis, *3.2 GPA*

Additional Training Structured analysis, design, programming and testing, System testing, Objected oriented analysis, design, programming and testing, Consulting and facilitating skills, Neurolinguistic programming certified practitioner, Project management, Public speaking and presentation skills, You Don't Know JS with Kyle Simpson, Advanced JavaScript, Numerous courses through FrontendMasters.com on React, Webpack, GraphQL, JAMstack, Angular, others