Matthew Thompson

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B.A., Georgetown College

Professional Summary

I'm a software architect, consultant, and mentor with over a decade of experience across IP Advertising, Healthcare, Telecom, and E-commerce. I specialize in delivering balanced solutions that align business and technical needs, enabling stakeholders to make informed decisions. My experience includes guiding engineering teams through implementation while focusing on their growth and development. Having consulted various company types and sizes, I excel at meeting clients where they are and helping them achieve their strategic goals.

Work Experience

Echobind (current)

Lead Software Engineer / Consultant

Jun 2021 - Present

- Lead client engagements from technical architecture through product launch.
- Work with stakeholders on requirements and use cases, defining a long-term scalable architecture to support products from MVP to scale.
- Collaborate with the CTO and Directors to evaluate the company's tech choices and overall strategy.
- Work closely with department leads to ensure company and client success.
- Oversee multiple clients and teams to support engineering growth, weighing architectural decisions to instill project confidence and foster individual development.
- Help maintain company partnerships and certifications.
- Research and spike new technologies and patterns for future knowledge.
- Conduct tech talks to upskill the team and community.
- Serve as a senior resource to the engineering team.

Senior Software Engineer and Manager

Jun 2020 - Jul 2021

- Architect HIPAA-compliant data storage and transmission solutions for healthcare clients.
- Design and implement secure telehealth platforms for providers and patients.
- Integrate Provider / EHR systems for patient records and billing.
- Manage reports, focusing on quarterly goals (personal and company-related).
- Lead apprenticeship cohorts, successfully coaching new full-time hires.
- Fostered team growth through mentoring and Lunch n Learns.
- Provide support for architectural decision-making.

Echobind (continued)
Software Engineer
Aug 2018 - Jun 2020
- Develop and maintain full-stack web applications using Ruby on Rails and React.
- Develop backend services using Elixir/Phoenix, focusing on reliability and performance.
- Contribute to the development of cloud-based solutions using AWS.
- Assist in implementing GraphQL APIs for data querying and manipulation.
- Build responsive front-end components with React.

El Toro IP Targeting Company - Team Lead / Developer
April 2017 - August 2018
- Led a team of 20 developers, ten interns, and co-op students.
- Facilitated small group training sessions to increase productivity, improve troubleshooting practices, and enhance context understanding across teams.
- Developed a new auto-deploy system with Docker/ECR, improving load balancing, developer experience, and collaboration.
- Re-architected multiple lambdas and step functions into a GraphQL API (Elixir) application, enhancing developer experience across micro-service teams
- Transformed legacy Meteor applications and packages into Elixir services, providing a more stable, cross-team platform
- Successfully implemented and maintained various APIs and services:
  - Public-facing API
  - Communications Engine
  - Reporting API
  - Billing/QuickBooks API
  - Auth Net Integrations
  - GeoJSON API

Community Involvement

- Actively engage with the tech community through online forums, virtual meetups, and conferences.
- Company/Client lunch and learn sessions to share knowledge and best practices.
- Previously co-coordinated Louisville's JsLou and ElixirLou meetups.
- Planned and promoted monthly talks and events.
  - Organized casual learning nights to foster language adoption.
  - Delivered presentations to encourage community growth.
- Provided personal 1:1 coaching to aspiring developers.
  - Served as a mentor for local initiatives like Code Louisville and Code Kentucky
  - Taught core programming concepts and guided project development

Note: Most in-person local involvement transitioned to remote engagement during the pandemic

Core Competencies & Certifications

Primary Technologies: React, Ruby on Rails, Elixir, AWS, PostgreSQL
Domain Expertise: HIPAA Compliance, Telehealth, E-commerce, Architecture
Certifications:

- Stripe Developer Certified - July 2022
- Stripe Professional Implementation Architect - September 2022