👤 SUMMARY

Experienced and passionate developer and leader with a proven track record across diverse organizations, from startups to large enterprises. Most recently, led the development of a Big Data-driven internal web application for the Washington Nationals Baseball R&D team, supporting player data analytics, scouting, and player development. Expertise in full-stack development, scalable architecture, and API integration. Skilled in team leadership and Agile methodologies. Founder of the Technology Mentorship Community for Michigan and author of two published books. Seeking opportunities to leverage extensive development experience and leadership for impactful innovation.

💼 EXPERIENCE HIGHLIGHTS

Washington Nationals

Remote

Senior Web Developer, Baseball R&D   2023, November - 2024, September

Led the development of a Big Data-driven internal web application supporting key aspects of baseball operations, including player data analytics, scouting, and player development. This application handled vast volumes of player and game data, enabling front-office leadership, coaching staff, and player development teams to analyze team and player performance for both the Nationals and opposing teams.

- Developed and optimized features that integrated large datasets from internal and external sources, processing millions of data points to deliver actionable insights through interactive visualizations such as graphs, sortable tables, and exportable formats.
- Worked on both front-end and back-end systems, ensuring seamless functionality and user experience across the application.

Tech stack: Ruby on Rails, Postgres, MySQL, AWS, Vue.js

The New York Times

Remote

Senior Engineering Manager, Web Platforms   2022, July - 2023, April

Led the Web Platforms team responsible for the development and maintenance of the core web application delivering New York Times web content. Spearheaded strategic direction, team development, and collaboration to ensure timely and high-quality deliverables.

- Defined and executed the team's strategy and vision, aligning it with broader company objectives.
- Conducted regular 1-on-1 meetings to mentor team members, address challenges, and foster professional growth.
- Collaborated closely with Project Managers and Product Owners to manage timelines, deliverables, and team priorities.
- Assisted team members in overcoming technical challenges, ensuring efficient problem-solving and high productivity.

Timothy Fisher

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SKILLS

Leadership

- Team mangement, mentorship
- Technical Strategy & Vision

Development

- Full-Stack Web & Mobile
- Performance & Scalability
- SQL, MySQL, PostgreSQL
- GraphQL, REST, JSON
- Elasticsearch, Redis, Memcached
- Agile Processes (Scrum, Kanban)

Cloud

- Amazon Web Services (AWS), Google Cloud Platform (GCP), Heroku
- Microservices Architecture
- Serverless Applications

Languages

- Ruby, Rails, Python, Java
- JavaScript, Node.js, React, Vue.js

Security & E-Commerce

- Data Privacy & Compliance (GDPR, HIPAA)
- Payment Processing & Integration (Shopify, Stripe)

EDUCATION

B.S. Electrical Engineering
University of Michigan,
Sept 1986 - May 1991

M.S. Education
Capella University,
Sept 2001 - May 2003

- Led the recruitment, hiring, and onboarding of new team members, fostering a strong, cohesive development environment.
- Provided continuous feedback and conducted formal reviews, driving performance improvements and career advancement.
- Planned and executed salary adjustments, promotions, and growth plans based on team member performance.

Roostify
Remote

Senior Developer & Engineering Manager   2021, February - 2022, June

Joined Roostify as a Senior Developer and was promoted to Engineering Manager in October 2021. Led the development of Roostify's mortgage application and processing engine, a white-labeled platform used by major financial institutions, including Chase Bank.

Senior Developer:
Led the design and implementation of new features within the core Roostify platform, ensuring high performance and scalability to meet client needs.

Engineering Manager:
Managed a cross-functional team of 6-10 software developers and QA engineers. Drove the team's success through leadership, technical guidance, and process improvements.

- Conducted regular 1-on-1 meetings to mentor and support team members, fostering growth and collaboration.
- Oversaw an agile (scrum) development process, facilitating efficient sprint planning, estimation, and project delivery.
- Assisted the team with technical challenges during development, ensuring smooth, high-quality deliverables.
- Led recruitment, onboarding, and talent management, including salary planning, performance reviews, and career progression for team members.

Tech Stack: Ruby, Rails, Full-Stack Development, REST, JSON, AWS, GCP, JavaScript, React, Heroku

Alfa Jango
Ann Arbor, MI

Technical Lead / Developer   2018, November - 2020, September

Led technical strategy, development, and consulting services for startups around the globe, offering CTO-as-a-service, technical leadership, and strategic guidance.

- Collaborated with entrepreneurs to assess technical challenges, providing tailored solutions and roadmaps for product development.
- Estimated and led the development of Proof of Concept (POC) and Minimum Viable Product (MVP) projects, ensuring timely delivery and scalable architecture.
- Developed applications using Ruby and JavaScript, focusing on full-stack development and delivering robust solutions for various industries.
- Provided CTO services to startup clients, guiding them through technical decisions, architecture planning, and development processes.

- Notable projects include an online learning portal, an e-commerce platform, and a healthcare application. Worked with prestigious clients such as the University of Michigan, Internet2, and multiple emerging startups.

Tech Stack: Ruby, Rails, Full-Stack Development, REST, JSON, AWS, JavaScript, React, Angular, NextJS

Quikly
Detroit, MI

VP of Engineering   2016, March - 2017, August

Led the engineering team at Quikly, a retail promotional marketing startup, driving the technical vision and scaling the platform for future growth.

- Architected and implemented scalability solutions, transitioning the Ruby on Rails monolithic application to a microservices-based architecture.
- Defined and executed the product roadmap, aligning technical strategy with business goals to support long-term scalability and feature growth.
- Led recruitment, hiring, and mentorship of the development team, fostering a learning-centric culture focused on innovation and continuous improvement.
- Developed an auto-scaling microservice on AWS Lambda to dynamically manage server load on the Heroku platform, optimizing performance and reducing operational costs.
- Established a detailed technical roadmap with clear timelines and targets for product feature releases and infrastructure improvements, driving the platform's future development.

Tech Stack: JavaScript, Ruby, Rails, Node.js, REST, JSON, AWS, Heroku, GraphQL

Lochbridge / Compuware
Detroit, MI

Director/Architect/Developer   2006, May - 2016, March

Led diverse teams and strategic initiatives across product and professional services divisions, focusing on mobile development, open-source innovation, and technical architecture for nearly a decade.

Director of Mobile Development:
Led a cross-functional team delivering solutions for iOS, Android, Windows, and HTML5/Hybrid platforms for mobile and in-vehicle systems.
- Defined mobile technology direction, architected solutions, and led development projects for key clients.
- Managed team development through 1-on-1 sessions, mentorship, performance reviews, and career planning.
- Led the recruitment, staffing, and hiring process, ensuring alignment with business growth and technology needs.
- Engaged with senior management and prospective clients, collaborating with the sales team to pitch solutions and drive new business opportunities in mobile development.

Principal Architect - Advanced Solutions & Innovation:

Spearheaded company-wide open-source initiatives, driving collaborative innovation through the development of an internal Innovation Forum portal, enabling knowledge sharing and the creation of reusable assets across teams.

- Played a key role in the CTO office, guiding strategic innovation efforts and adopting advanced technologies.

Technical Architect:
Provided technical leadership across multiple divisions, including the products team, professional services, and the Covisint subsidiary.

- Delivered technical solutions for automotive clients such as GM, GM OnStar, and Chrysler, focusing on in-vehicle mobile app development.
- Led efforts in defining solutions, work plans, and technical architecture for new business opportunities through RFP responses and proposals.

Tech Stack: Java, JavaScript, Ruby, Rails, Mobile Development, Swift, Full-Stack Development, REST, JSON, AWS