👤 SUMMARY

I am a passionate developer and leader with nearly 30 years of industry experience in roles that include both hands-on and leadership positions across organizations that range from small startups to large enterprises.

Development is my passion and I have always sought to remain very close to technology. Nearly all of my roles have included hands-on development responsibilities. However, I also do enjoy opportunities to provide leadership, mentorship, and strategic vision to an organization.

In addition to expertise in hands-on development, my skill-set includes business and management experience as well as team and project leadership and mentoring experience. I am also passionate about innovation, growing and leading teams and setting a technical vision for a company. I have a great deal of experience in the areas of full-stack web development, mobile development and scalable architecture. I am also well versed in Agile methodologies.

I have been an evangelist for great software development in the Detroit area for many years. I am the founder and organizer of the Technology Mentorship Community for Michigan. I also enjoy technical writing. I am the author of two published books, the Java Phrasebook and the Ruby on Rails Bible.

💼 EXPERIENCE

Roostify
Remote
2021, February - 2022, June

I was hired into Roostify as a Senior Developer and was promoted to the role of Engineering Manager in October of 2021. The Roostify product is a mortgage application and processing engine that is white-labeled by financial customers including Chase Bank. The tech stack used consists of Ruby on Rails, JavaScript, React, AWS, and Heroku.

Senior Developer
As a senior developer, I was responsible for leading and developing the implentation of new features within the core Roostify platform.

Software Engineering Manager
In this management role, I had a team of 6-10 software developers and QA engineers reporting to me. My responsiblities included:

- Conducting 1-on-1 meetings with my team members to build relationships, assist with challenges, and provide mentorship and growth opportunties.
- Manage an agile (scrum) development process
- Work with team to provide estimates and schedules for new projects
- Assist team with technical chalenges that occur during development
- Interview and hire additional team members
- Provide continuing feedback to team members along with periodic reviews
- Plan for salary, raises and promotions for team members.

Alfa Jango
Ann Arbor, MI
Technical Lead / Developer
2018, November - 2020, September

Alfa Jango provides services to startups around the globe. We specifically offer experienced development, CTO as-a-service, technical strategy and leadership consulting. In my role as a Technical Lead, my responsibilities include:

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EDUCATION

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

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

M.S. Computer Science
Arizona State University,
Sept 1992 - May 1994

SKILLS

Team Leadership & Management

Mentorship

Agile Process Management

Web & Mobile Development

Web & Mobile Scalability

Microservices Architecture

Amazon Web Services (AWS), Heroku, EngineYard

Ruby, Rails, JavaScript, Node.js, React, ReactNative, Java, Swift, HTML, CSS

GraphQL, JSON

Internet of Things (IOT)

Security (Encryption, Digital Signature, PKI)

eCommerce (Shopify, Stripe)

- Meeting with entrepreneurs to asses technical challenges
- Estimation of POC and MVP product development
- Development, primarily in Ruby and JavaScript
- Provide CTO services to startup companies

Projects that I developed in this role include an online learning portal, an e-commerce site, and a healthcare application. Clients I worked with include the University of Michigan, the Internet2 organization, and several startup companies.

Powerley
Royal Oak, MI
VP of Engineering
2017, September - 2018, March

Powerley is a startup in the Smart Grid and Smart Home space. The Powerley platform includes a cloud-based web services infrastructure, native iOS and Android apps, and a dedicated in-home hardware platform, all able to communicate with a network of IOT smart devices. As VP of Engineering, my responsibilities included technology leadership, management, platform architecture, and managing process. A strategic initiative I took responsibility for was to redefine the product development process in order to improve predictability of deliverables, bring transparency into product development, and insure that the team is focused on strategic improvement efforts.

Additional responsibilities included:

- Manage development team of 20, including professional growth and mentoring.
- Driving strategic improvement across the development team.
- Drive solutions to tactical product issues.

Quikly
Detroit, MI
VP of Engineering
2016, March - 2017, August

Quikly is a start-up in the retail promotional marketing space, based in Detroit. As VP of Engineering, my responsibilities included:

- Architect scalability into the Quikly platform
- Define, execute and deliver on a vision and roadmap for the future growth of Quikly.
- Manage the development team. Hire, evaluate, and mentor new teams members
- Driving force behind creating a technical roadmap plan with dates and targets for future features and functionality for the product.
- Ruby, Rails, Node.js, AWS hands-on development
- Establishing a learning-centric culture with the goal of making Quikly an awesome place for technologists to work.

Hands-on work included transitioning a large Ruby on Rails based monolith application into a microservices based architecture. Developing an auto-scaler microservice on AWS Lambda to manage server load on the Heroku platform. Using technologies including Ruby, Rails, Node.js, Heroku, AWS EC2, AWS SNS, AWS Lambda, AWS ECS, Redis, Memcached.

Lochbridge / Compuware
Detroit, MI
2006, May - 2016, March

Spent nearly 10 years with Compuware, which later became Lochbridge, in a variety of roles within both product and professional services divisions. Highlights of that experience are below.

Director of Mobile Development
Responsible for leading a team that delivers solutions for iOS, Android, Windows, and HTML5/Hybrid platforms that run on phones, tablets, and in-vehicle systems. In this role I also served as the lead mobile architect. Responsibilities included responding to RFPs, setting mobile technology direction for the company, conducting regular 1-on-1 sessions with development staff, mentoring development staff, conducting performance reviews and career planning sessions,

architecting and estimating solutions, leading development projects, and participating in mobile development coding. I was also responsible for identifying staffing needs, leading the interview process, and hiring candidates.

I also regularly engaged with all levels of management and staff within Lochbridge, and with current and prospective customers. Work alongside sales team to engage new customers and pitch solutions and services. Identify new opportunities for mobile business and manage pipeline and asset planning.

Principal Architect - Advanced Solutions & Innovation
As a member of the Advanced Solutions & Innovation Group, I led company-wide efforts related to open source initiatives and collaborative innovation. As a part of this team, I developed an internal Innovation Forum portal allowing Lochbridge to adopt more of an internal open source culture to build assets, share knowledge, and innovate on advanced technologies that we can successfully bring to market. This web app was built using Ruby and the Ruby on Rails framework. The Advanced Solutions & Innovation Group is part of a CTO office within Lochbridge.

Technical Architect
I worked across as a technical architect across several organizations within Compuware. These included the Compuware products team, the professional services group, the CTO office, and the Covisint subsidiary.

With the professional services group, I primarily worked with automotive clients including GM, GM Onstar, and Chrysler. This included experience developing and leading development of mobile apps for the headunits of GM vehicles.

My experience here included development roles utilized Java, Ruby, Perl, and JavaScript. Also team management and leadership responsibilities along with leading architecture on many professional services projects.

Also an active part of seeking new business through RFP responses and proposals. Defined solutions, work plans, and architecture for proposed business.

Additional Past Experiences

LogicaCMG
Southfield, MI

Senior Java Architect
2003, February - 2006, May

MedCharge
Ann Arbor, MI

Development Team Lead
2002, February - 2003, January

Spherion
Troy, MI

Senior Java Architect
2001, May - 2002, January

PriceWaterhouseCoopers
Detroit, MI

Security Consultant
2000, October - 2001, May

Cyclone Commerce
Scottsdale, AZ

Lead Developer & Architect
1997, March - 2000, October

Motorola
Chandler, AZ

Senior Software Engineer
1991, June - 1997, March