John Mann
Technology Leader in Code and Process

NY, NY
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A software engineering executive with expertise in web development, web technologies and tools, cloud architecture, and software process. With a proven track record of success in designing and building innovative products for companies, I continually drive improvements to processes and workflows. I am experienced in building and leading highly productive teams with a high retention rate and positive organizational change to enhance employee morale, collaboration, and performance. My expertise in solution architecture combined with my extensive experience in product design and UI/UX design, allows me to be a cross-functional leader to help organizations across multiple disciplines.

Core Competencies

- Software Design and Engineering
- Cloud Platforms and Services
- Web Technologies and Tools
- Product Features and Enhancements
- Client and Stakeholder Relations

- Product Development and Management
- Solution Architecture Design
- DevOps Engineering
- System Migrations and Upgrades
- Team Building and Leadership

- Web and Mobile Applications
- Digital Business Transformation
- User Interface/User Experience
- Project and Budget Management
- Process and System Improvement

Career Experience

Obsess, Inc, New York, NY   December 2021 – Present
Vice President of Engineering | Chief Technology Officer (Dec 2023)

Lead an engineering team of local and remote developers to create immersive worlds for the retail industry.

- Implemented team rotation schedule reducing client resolution time from 23 minutes to under 3 minutes
- Improved site performance by over 70%
- Reduced client tickets to a kanban structure for local and remote teams
- Implemented security best practices with encryption keys, password management and completion of SOC-2 Type II compliance certification
- Reduced monthly cloud spend by over 40%
- Created testing automation and reduced production incidents from 4-6 a month to 0 for past 6 months
- Maintained over a 90% retention rate with engineering team for over 2 years

Startups and Code, LLC, New York, NY   May 2021 – Present
CEO/Founder

Started Startup Consulting company to help clients navigate engineering practices and team building

- Partnered with various clients to solve software engineering problems with both existing and new code bases
- Developed strategy for recruitment, interviews, and team retention
- Created custom process for clients on architecture and software development and delivery
- Identified key bottlenecks in clients workflow and improved delivery time by over 70%

Consumer Edge/Good Deeds, New York, NY   July 2018 – February 2021
Director of Engineering | Chief Technology Officer

Lead an engineering team consisting of mobile app developers, web developers, and DevOps engineers in designing and developing a company web and mobile application with Python, SwiftUI, and Kotlin for use by non-profit organizations (NPOs).

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- Partnered with CEO and CRO for:
  - o Client engagement to build relationships
  - o Resource planning and management
  - o Budget planning for infrastructure and technical resources

- Implemented escalation and deployment process for development organization.

- Built-up and scaled the team from 0 to 20 members in 6 months

  - o Recruited and interviewed the entire development team from internal and external sources.

  - o Trained new team members in company standards and industry best practices.

  - o Coached junior developers in managing workflows for deployments, feature requests, Git management, and project documentation.

- Developed a go-forward technology & cloud adoption strategy and lead with hands-on execution:

  - o Successfully migrated the on-premises Flask web application in less than 90 days.

    - ▪ Adopted GCP cloud architecture with Docker/GKE.

    - ▪ Reduced operational costs by 50%.

  - o Engineered dynamic and static websites and a permission-based system for website navigation, files, and folders.

  - o Deployed feature toggles to release products for beta testing.

  - o Designed various web application features:

    - ▪ Dashboard filtering system for financial visualizations

    - ▪ Dashboard navigation system

    - ▪ API for ETL process from Google Buckets to MySQL.

  - o Architected cloud functions for syncing and monitoring buckets in real-time.

- Introduced DevOps best practices, with the introduction of continuous integration (CI)/continuous delivery (CD) pipelines for web UIs and data pipelines with Github, Firebase, GCB, Testflight, and Jenkins.

  - o Improved site and app stability to a 99.99% uptime.

Huge, New York, NY   January 2017 – July 2018
Senior Technical Architect

Managed onsite and remote technical teams in the design and development of an IoT device and web application for elevator maintenance safety.

- Developed prototypes for the enterprise client for Web App and iOS platforms using JavaScript, C#, and Xamarin.

- Enabled digital transformation for the client for internal- and external-facing sites.

- Trained the team in quality standards and best practices to ensure a high-quality product.

- Monitored iOS development and wrote production-level code for the web app.

- Delivered the architecture, deployment guide, and source code to the client within budget and deadline.

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General Assembly, Atlanta, GA   January 2016 – May 2016
Instructor

Instructed an intensive course in basic JavaScript programming and front end web development with JavaScript, HTML, and CSS.

- Updated the JavaScript content and delivered ReactJS and front end development seminars.
- Designed course curricula and lab components that were implemented across the organization.
- Coordinated and headed DevOps workshops.
- Set up mock interviews for students.
- Expanded the curricula to include the newest technologies and trends and increased graduate job placement.

TravelSpike/Knapsack, Atlanta, GA   December 2014 – December 2016
Head of Engineering

Oversaw the engineering team in developing a dashboard system for managing ad campaigns in C# and JavaScript.

- Built various systems including a multi-ad dispatch system with multiple exchanges, a templating system for creative assets and newsletters, an ad creation system with Node.js and React.js, leveraging Github and Azure.
- Architected an image database for creative ads with CDN and Azure.
- Developed an image resizing process and obtained a U.S. Patent for the design.
- Created and deployed a new framework for managing digital advertising campaigns.
- Built and led a high-performance team by establishing an effective team infrastructure and processes.
- Optimized efficiency by identifying workflow issues and implementing solutions for improvement.

Additional Experience

Director of Engineering (July 2014 – December 2014) • SAI Global, Atlanta, GA
Development Manager (July 2013 – July 2014) • SAI Global, Atlanta, GA
Lead Developer (May 2012 – July 2013) • SAI Global, Atlanta, GA
Senior Software Developer (May 2011 – May 2012) • Vertafore, Bothell, WA
Instructor (November 2010 – May 2012) • Bellevue College, Bellevue, WA
Web App Developer (May 2010 – November 2010) • Getty Images, Seattle, WA
SAP Consultant and Web Developer (February 2007 – May 2012) • Chameleon Coding, Inc./LoTek Media, Bothell, WA
Senior Web App Developer (October 2007 – May 2010) • Serials Solutions, Seattle, WA

Previous experience as

Web Application Developer • Dexterra, Seattle, WA
Web Application Developer • ShareBuilder, Seattle, WA
Web Application Developer • Microsoft, Redmond, WA
SQL Windows Developer • Georgia Power, Atlanta, GA
Application Developer • Imaging Technology Solutions, New Orleans, LA
Sergeant (E5) • Louisiana Army National Guard

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Education

Bachelor of Science in Computer Science
University of New Orleans, New Orleans, LA

Certifications & Training

Agile Software Development, NetObjectives
SqlServer Specialist, University of Washington
Three.JS Journey Completion
Generative AI Fundamentals - Google

Patents

System for Method Image Resizing, U.S. Patent No. 9,691,131, 2017

Honors & Awards

SenchaCon Hackathon, Most Educational Application
Outstanding Leadership Award (CSCI), University of New Orleans
Army Achievement Medal, U.S. Army
National Defense Medal, U.S. Army

Affiliations

Student Body President, University of New Orleans
Microsoft Alumni, NY Chapter

Technical Proficiencies

Software & Tools: Azure, GCP (GKE, Cloud Functions, AppEngine), Flask, SQL Server, T-SQL, MySQL, React.js, node.js, Vue.js, DevOps (Bash, Jenkins)

Programming: JavaScript, Python, C#, HTML, HTML5, CSS, SQL, SASS, MongoDB