

Matt Manske

Sr. Director of Platform Software

🌐 New York, NY

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Current
(4 yr, 1 mo)

Divergent

divergent3d.com

SENIOR DIRECTOR, PLATFORM SOFTWARE

Managed the creation of integrated systems and data pipelines throughout the company. Directed daily operations of development and data teams, while partnering with executives and investors to shape and execute strategic initiatives.

DIRECTOR, MES SOFTWARE R&D

Spearheaded the design and development of internal manufacturing software platforms. Initiated and launched several cross-department projects to drive automation across the production factory.

PLATFORM DEVELOPMENT MANAGER

Led multiple internal applications to support research and development projects, while managing a small team of in-house developers.



Dec 2020
(2 yr, 1 mo)

ProdPerfect

prodperfect.com

SENIOR PLATFORM MANAGER

Led the design and development of a suite of platform applications to enable self-managed end-to-end test suite creation and reporting.



Dec 2018
(6 mo)

Miro Health

mirohealth.com

SENIOR FRONTEND ENGINEER | ENGINEER MANAGER

Developed a suite of HIPAA compliant applications to assist in clinical neurological, psychiatric, & cognitive assessments. Managed an offshore team & assisted in hiring & onboarding in-house developers.



Oct 2015
(5 yr, 4 mo)

Polymathic

ACQUIRED BY DEVMYND

manske.me/polymathic

PARTNER | CTO

Built and led a product team of developers and support staff, driving product research and development, code architecture, and project management decisions for numerous startup and intrapreneurial ventures.

EDUCATION



May 2010

University of Wisconsin – Madison

wisc.edu

B.SC. FINE ARTS – WOODWORKING



May 2006

Johns Hopkins University

jhu.edu

AUDIO ENGINEERING JAZZ PERFORMANCE

SOFTWARE PATENTS



Aug 2024
(Granted)

Software interface for generating and optimizing vertical-cell robotic assembly sequences

US-20240288852-A1

A software package that mimics assembly floor hand-off patterns & real-time sequential decision making to accurately generate, visualize and replay assembly scenarios. In addition to the simulations, the software also utilizes a modified genetic algorithm to optimize for things like completion time and robot utilization. The package employs a unidirectional, flux-based data propagation pattern that ensures predictable state mutation to avoid race-conditions and allows for time-travel/replay functionality.