Nathan **Suver**

DIRECTOR OF SOFTWARE ENGINEERING

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Summary

Highly motivated, detail-oriented software engineering manager with proven success developing and maintaining large-scale, highly complex software systems including architecture, design, coding, debugging/troubleshooting, documentation, testing and deployment. Strong SDLC skills, with a particular focus on efficiency, software quality and building fault tolerant systems. Proficient at managing teams. Exceptional analytical and problem solving abilities in assessing and correcting existing business processes, identifying areas for improvement, and organizing teams to maximize output and effectiveness.

Education

Southern CT State University   *501 Crescent St New Haven, Ct*

MS COMPUTER SCIENCE (CONCENTRATION: SOFTWARE ENGINEERING)   *2016 - 2020*

Thesis: A Database Tuning Framework for Improving Stored Procedure Performance

Eastern CT State University   *83 Windham St Willimantic, Ct*

BS MATHEMATICS (MINOR: PHYSICS)   *1992 - 1996*

Experience

MatrixCare   *Bloomington, Mn*

DIRECTOR, DEVELOPER PRODUCTIVITY   *May 2021 - Present (remote)*

- Manager of all MatrixCare devops/platform ops teams, supporting organizational improvements and initiatives, and driving the teams towards a center of excellence model.
- Spearheaded modernization and process improvement initiatives, including supporting teams through the process of monolithic decomposition, proper data modeling, microservice development, and rapid product delivery (CI/CD).
- Member of a cross organizational executive team dedicated to defining operating, architectural and development standards across all Resmed SaaS companies.

MatrixCare   *Bloomington, Mn*

PRINCIPAL SOFTWARE ENGINEER - HOME HEALTH DIVISION   *Oct 2019 - April 2021 (remote)*

- Member of the enterprise architecture team, responsible for directing initiatives targeting software quality, proper architectural standards and improvements to devops.
- Technical oversight for offshore teams.
- Serving as acting manager of the platform operations team, responsible for driving platform modernization initiatives.

MatrixCare   *Coral Springs, Fl*

SENIOR SOFTWARE ENGINEER - HOMECARE DIVISION   *Feb 2008 - Oct 2019 (remote)*

- Team lead responsible for native mobile application development and deployment. (MatrixCare for Home Care, available on Google Play and Apple's App Store).
- Developed an electronic visit verification system used by health aides and companions performing in-home tasks. (ASP.NET MVC, AngularJS, Typescript, SQL Server).
- Developed a clinical point of care web application used by in-home nurses. (ASP.NET MVC, AngularJS, Typescript, SQL Server).
- Implementing policies for software quality standards including unit and integration test requirements, code reviews, etc..
- Building and maintaining the continuous integration and deployment pipeline for the homecare division.

White Oak Systems   *Wallingford, Ct*

SENIOR PROGRAMMER   *Mar 1999 - Feb 2008*

- Technical lead for a group of developers working on an enterprise software application for the home health care industry.
- Managed all aspects of the software development life cycle, including requirements gathering, design, writing specifications, providing reliable time estimates, coding and code reviews, QA, documentation, packaging and deployment.
- Developed processes for bug tracking, source code management, and developed custom software deployment tools.
- Implemented coding standards and software development policies.
- Gained a vast amount of experience in clinical and billing processes, including OASIS and EDI standards.

Pratt & Whitney *East Hartford, Ct*

PROGRAMMER

- Hired into a 2-year rotation program.
- Materials engineering lab: Creep analysis using LabVIEW, C++ and Fortran.
- International Aero Engines: Developed databases used for engine part tracking.
- CAD Group: Engine visualization software (PWLook), and their distributed document management system (DDM) (C++).
- Fuels and Lubes group: Fluid flow analysis on the F-35 engine mid gearbox using EZ-Flow and C++.

Skills and Training

PRIMARY LANGUAGES

- C#, Java, SQL, Typescript / Javascript, Powershell

FAMILIAR WITH

- Python, C++, C, Matlab, Fortran, Eiffel, EZ-Flow, Yaml, PHP

FRAMEWORKS, TESTING AND TOOLS

- AngularJS, Bootstrap, Xamarin, ASP.NET Web Api, Winforms, N-Unit, Jasmine/Moq, Azure Devops, Infragistics, ActiveReports, SSRS, Mobile Application Development, Agile/Scrum, MongoDB, Node, Terraform

ONGOING TRAINING

- Always seeking conferences, training events, online resources and books to keep up to date. A few recent ones: HL7 FHIR DevDays 2020, FullStack NYC 2019, EmpireJS, The Phoenix Project, Accelerate, Software Estimation (demystifying the black art), Clean Architecture, Designing Data-Intensive Applications, Domain Driven Design

Affiliations

1995   **KMU,** Kappa Mu Epsilon (National Mathematics Honor Society)   *Willimantic Ct*