



Matthew Odin O'Keefe

Father | Polyglot | Software Engineer | Goofball

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Profiles

- [Matt O'Keefe](#)
- [Ø-Mutt](#)

Experience

Okta **October 2018 - Present**
 Tech Lead (Senior Software Engineer) Remote (San Francisco, CA)

<https://okta.com>

- Lead long-term cross-functional application development projects including:
 - Year-long greenfield application "Self Service SSO." Delivery was:
 - Early
 - On budget
 - Feature complete
 - Bug-free during the 90-day warranty period
 - Initiative to reduce unexpected error volume from 3% to below 1% for team-owned APIs
 - Initiative to increase unit test to 90%+ across common function repositories
 - Implement CI gate this coverage from degrading over time
 - New tenant search for internal support tool
 - Decreases search time
 - Increases lookup accuracy
 - Increase UX satisfaction
 - Identify database issues and successfully implement solutions to decrease average query time from 650ms to 200ms
 - Maintain an open source software package ([Hubot-plusplus-expanded](#)) that is used for a slack bot for "micro-praise" (@username++ for your great work on project X) that is used thousands of times per day in Okta
- Craft secure, performant, cross-platform browser-based applications for external customers and internal Okta teams
- Work closely with Product and Design to determine and optimize user experience and information architecture
- Follow code and security best practices for implementing front-end and back-end code for identity as a service
- Be a part of the team's on-call rotations
- Evaluate new technologies and techniques to improve overall practices

DEM Group, LLC **May 2021 - Present**
 Software Engineer & Co-Founder Remote (Netherlands)

<https://demgrp.com/>

- Lead engineering efforts across the application stack
- Develop and maintain a cryptography library for securing secret data
- Manage timelines, budgets, and a team of engineers
- Provide mentorship to support professional growth across all company roles
- Develop pitch decks while seeking investment
- Manage infrastructure and operations of the dev environment (docker) as well as production (aws/bare metal)
- Successfully transition the application stack from AWS to bare metal provider
- Engage in community management and outreach
- Contribute to the development of marketing plans and campaigns

Hallmark Business Connections **July 2013 - August 2018**
 Technical Development Lead & Software Architect Minneapolis, MN

<https://www.hallmarkbusiness.com/>

- Successfully collaborated with Hallmark teams to coordinate understanding and efforts on major initiatives including:
 - Implemented an analytics package to improve understanding of application usage
 - Automated build and deployment processes, including code quality metrics
 - Simplified applications into deployable micro-services to significantly minimize downtime
 - Implemented a new source control branch strategy to increase developer productivity
 - Designed a code review process to improve code quality and outcomes
 - Led multiple multi-sprint technical projects to move the overall product forward including CQRS, IoC conversion, and enterprise service bus
- Built and maintained a technical road-map to ensure best practices and implement modern cost-effective solutions
- Acted as a pre-sales engineer for potential clients, providing data analytics, product demonstration setups, and documentation of functionality
- Created, implemented, and structured user interface and backend components for a new platform based on C#.net, angular (1.X), and Bootstrap
- Transitioned applications from client/server to single page application (Angular 1.X) while trialing different model view controller frameworks for JavaScript

Vecna Technologies **November 2011 - June 2013**
 Software Engineer Cambridge, MA

<https://vecna.com/>

- Worked on a team to develop a patient self-service portal software for global deployments to medical centers
- Deployed and supported applications for patient check-in kiosks at over 135 VA Medical Centers and Department of Defense sites
- Interviewed potential software engineer and software intern candidates
- Mentored less experienced software engineers and software interns

Illume Software, Inc. **May 2011 - November 2011**
 Chief Mobile Engineer Brighton, MA

<https://www.linkedin.com/company/illume-software>

- Developed an environment-aware application to promote safe driving
- Deployed and supported applications on Android, Blackberry, and iOS platforms
- Acted as a technical resource for potential clients and stakeholders

ByME, LLC **July 2010 - January 2012**
 Chief Technology Officer & Co-Founder Minneapolis, MN

<https://www.getbyme.com/>

- Designed and developed a location-based coupon application targeted to university students and campuses
- Hired, coordinated, mentored, and managed a development team
- Combined technical and business ideas to create and deliver an economically sound application for Android and iOS devices with a PHP server interface

Skills

Source Control Management ●●●○○ git, github, gitlabs, bitbucket, tfs, svn	Databases ●●●○○ psql, mongo, mysql, mssql
Documentation ●●○○○ markdown, confluence, jira, swagger, excel, visio	DevOps ●●○○○ ci, cd, github actions, bitbucket workflows, terraform, docker

Languages

JavaScript ●●●●○	Typescript ●●●●○
Node.js ●●●●○	React ●●●○○
Vue ●●●○○	C#/.net ●●●○○
Bash ●●○○○	PHP ●●○○○

Awards

Engineering Excellence
 Okta
 May 2024
 Given yearly to 4-8 engineers for excellence in engineering

Crowning Achievement
 Hallmark Business Connections
 March 2015
 Given for extraordinary efforts for the year, awarded to 5 individuals per year

Above & Beyond
 Hallmark Business Connections
 2013-2018
 Given quarterly to individuals who went above and beyond their daily roles

Education

College of St Scholastica
 Computer Information Systems, Concentration in Software Engineering
 September 2007 - May 2011
 Bachelor of Science

Interests

Outdoors
 dogs, gardening, family, hiking

Handy-Person
 automotive repair, diy projects, woodworking

Sports
 soccer, biking, triathlon, broomball

Affiliations

Campus Freelancer Repair
 Co-Founder & Repair Technician
 September 2007 - May 2011
 Duluth, MN

St. Scholastica Computer Club
 President
 September 2009 - May 2011
 Duluth, MN

Volunteering

United Way (Hallmark Business Connections)
 Co-chair Yearly Fundraiser
 May 2015 - May 2016
 Minneapolis, MN

Vecna Cares
 Software Engineer
 November 2011 - June 2013
 Cambridge, MA