

Evan P. Mills

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Principal Software Engineer

Passionate Principal Software Engineer with over 39 years of hands-on experience, dedicated to staying at the forefront of cutting-edge technologies. Renowned for expertise in software engineering, excels in designing and constructing innovative solutions that meet and exceed client expectations. With a dedication to mentorship, has empowered numerous individuals in mastering the craft of software development, embodying a commitment to fostering excellence and continuous learning in the field.

Key Skills

Languages	C	CQL	Go	Java	JavaScript	Shell Script	Swift
Testing	JUnit	Jest	tap	XCTest			
Web	Angular	CSS	HTML	JSP	NodeJS	SwiftUI	
Data & Storage	Cassandra	DynamoDB	Kafka	MongoDB	S3/Minio	SQL	SQLite
DevOps	Ansible	AWS/CFT	Docker/Compose	Jenkins	SSH/SCP	uDeploy	
Version Control	Git	Subversion	TFS				
Operating Systems	Linux/Unix	macOS	Windows				

Work Experience

Fidelity Investments, Covington, Kentucky

Nov 2024 - Present

Senior Manager, Digital Marketing Automation, Nov 2024 - Present

Developer and technical advisor on team migrating an existing public-facing website from Salesforce Marketing Cloud to Adobe Experience Manager (AEM). Wrote Java use models for AEM components including JavaDoc and complete unit tests. Introduced an Achitecture Decision Records (ADRs), documenting major decisions and their rationale. Developed and documented a tool that standardized members' git configuration. Guided the team's git proceses including proper git hygiene, branching and merging techniques. Standardized the processes by which new AEM components are created and deployed, crafting process flow diagrams and translating them into Jira story templates. Enhanced the Webpack build process to standardize how AEM client libraries are generated and shared by multiple teams within a single AEM application.

Adobe Experience Manage Architecture Decision Record D2 Java Make Maven Webpack

Additional Relevant Experience

Fidelity Investments , Covington, Kentucky	Jul 2007 - Mar 2024
Principal Software Engineer	Java JUnit GraphQL AWS Lambda AWS SQS/S3 DynamoDB PostgreSQL Insomnia Localitytics
The Kroger Company , Cincinnati, Ohio	Oct 2006 - Jun 2007
Software Developer	JSP Java Microsoft SQL Server Microsoft Excel
LexisNexis , Springboro, Ohio	Nov 2003 - Sep 2006
Software Developer	Java Microsoft SQL Server XML/XSL IBM WebSphere ClearCase
The Kroger Company , Cincinnati, Ohio	Apr 2003 - Nov 2003
Software Developer	Microsoft SQL Server Transact-SQL VB.Net
The Sant Corporation , Cincinnati, Ohio	Jan 2003 - Apr 2003
Software Developer	Microsoft CRM VB.Net SOAP/XML
Dial-n-Document, LLC , Cincinnati, Ohio	Jan 2002 - Dec 2002
Software Developer	VisualBASIC VisualVoice IVR JavaScript Transact-SQL
Kendle International Inc. , Cincinnati, Ohio	Feb 1997 - Dec 2001
Software Developer, Project Manager, Support Technician	VisualBASIC VisualVoice IVR Dialogic
Western-Southern Life Insurance Company , Cincinnati, Ohio	Aug 1996 - Feb 1997
Software Developer and Technical Support Engineer	VisualBASIC Oracle Microsoft Access
LexisNexis , Springboro, Ohio	Apr 1996 - Aug 1996
Software Developer	Microsoft Access Microsoft Excel VBScript
Electronic Data Systems Corporation , Fairborn, Ohio	Jan 1995 - Apr 1996
Software Developer	Microsoft Access Microsoft Project VBScript Data Modeling
Copeland Corporation , Sidney, Ohio	Jun 1993 - Dec 1994
Software Developer	Paradox for Windows Microsoft Word InfoPublisher
Marion Merrell Dow , Cincinnati, Ohio	Dec 1992 - Jun 1993
Technical Support Engineer	PC Windows Networking SmarTerm
Zonic Inc. , Cincinnati, Ohio	Mar 1992 - Dec 1992
Software Developer	C SQL VMS
Access Corporation , Cincinnati, Ohio	Oct 1991 - Mar 1992
Software Developer	C SQL VMS Metaprogramming
Illinois State Water Survey , Champaign, Illinois	Jun 1986 - Sep 1991
Software Developer	C C++ QuickBASIC Unix Utilities

Education

University of Illinois at Urbana-Champaign

Bachelor of Science (B.S.) in Mathematics and Computer Science

Aug 1984 - May 1988

Professional Development & Training

Beginners Guide to Adobe Target: A/B Testing, Personalization	Udemy	May 2025
Adobe Experience Manager AEM Developer Masterclass	Udemy	Feb 2025
Practical Integration Testing using Testcontainers	Udemy	Jul 2024
Working with Design Patterns in Go (Golang)	Udemy	Jul 2024
HTMX - The Practical Guide	Udemy	May 2024
Fullstack Development with Angular17 SpringBoot3 Bootstrap5	Udemy	May 2024
AWS & Typescript Masterclass - CDK, Serverless, React	Udemy	May 2024
Certified Developer on Apache Cassandra	O'Reilly Media	Sep 2016
Certified Scrum Master	Scrum Alliance	Apr 2015
M102: MongoDB for DBAs	MongoDB, Inc.	Nov 2013
M101JS: MongoDB for Node.js developers	MongoDB, Inc.	Oct 2013

Publications

- Mills, E. P., & Knapp, H. V. (1989). *The Illinois Streamflow Assessment Model: Version 3.0, User's Guide*. Illinois State Water Survey. Retrieved from <http://hdl.handle.net/2142/48962>
- Mills, E. P., & Knapp, H. V. (1991). *The Illinois Streamflow Assessment Model: Version 3.2, User's Guide*. Illinois State Water Survey. Retrieved from <http://hdl.handle.net/2142/48928>
- Schock, S. C., Peyton, M. M., & Mills, E. P. (1988). *Enhancement of the HWRIC Database : Year 2 : With an Evaluation of Database Content*. Hazardous Waste Research and Information Center, Illinois State Water Survey. Retrieved from <http://hdl.handle.net/2142/1909>
- Schock, S. C., Kilgore, T. J., Stover, M. E., Rosenbaum, P. B., Benefield, M., & Mills, E. P. (1986). *Enhancement of the HWRIC Database -- 1986*. Hazardous Waste Research and Information Center. Retrieved from <http://hdl.handle.net/2142/25922>
- Terstriep, M. L., Lee, M. T., Mills, E. P., Greene, A. V., & Rahman, M. R. (1990). *Simulation of Urban Runoff and Pollutant Loading from the Greater Lake Calumet Area*. Illinois State Water Survey. Retrieved from <http://hdl.handle.net/2142/75885>