



DANIEL M. HALVERSON

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SUMMARY

Versatile Senior Director of Software Engineering committed to consistently finding dynamic solutions for software issues, team building, and financial discipline. Polished in finding innovative ways to efficiently build scalable, high-availability online systems. Offering a 23-year background creating and implementing software systems and leading teams.

SKILLS

- Java, JavaScript, SQL, Oracle, Kafka, MQ, Kubernetes, Docker, Unix
 - Large system design with cloud technologies
 - Budgeting and financial management
 - Agile program management
 - Talent management and staffing
 - Senior Management Presentations
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EXPERIENCE

Executive Director / JPMorgan Chase & Co - Chicago, IL

02/2020 - Current

- Currently leading a team of 25 engineers across three sites for an internally developed product related to BPM / Workflow. The product has a reach of 9,000 users across the world with multiple installation patterns.
- Responsible for roadmap creation with my leadership team and socialization with product owners and customers.
- Designing software with team leads and architects to continue to push goals of the firm and my organization
- Partnered with internal design teams to achieve the best UX experience while meeting business requirements
- Mentoring direct reports for promotion and career goals
- Teaching developers about the application's finer points and why decisions were made
- Interviewing and hiring candidates for roles on the team
- Managing to budget for runtime compute, project and associate concerns
- Developing software as needed and usually in a pair programming setting
- Research of products like click analytics solutions and presentation to senior leadership
- Completed a modernization of a UI and API application by moving 40 microservices and 4 TB of data to the cloud
- Built an SRE team from the ground up with 3 engineers
- Created a development team for a legacy application starting with 4 developers and ending with 15 developers and transitioned the team to DevOps.
- Drastically improved system monitoring and alerting through the usage AppDynamics, Apica, Geneos, Grafana, and Splunk
- Code for Good Project Judge; a multi-city hackathon to help non-profit organizations with the technology needs via college students

Vice President / JPMorgan Chase & Co - Chicago, IL

02/2013 - 01/2020

- Design and develop application code using Java, JavaScript and SQL
- Lead global teams up to 25 individuals through greenfield and brownfield development efforts
- Experience with developing workflow applications from the ground up
- Lead an effort to expand the application's infrastructure from 8 to 27 servers
- Implemented the teams CI / CD solution using Jenkins and available firm tools
- Developed features and resolved defects as well as provided on-call support
- Lead team through code consolidation and decommission effort to reduce 3.5 MM lines of code to 2 MM

- Implement software solutions on cloud using micro services patterns
- Implement user interfaces in React and Angular
- Promote best practices for source code through code reviews
- Mentor and coach employees in their current projects and career direction
- Three-time winner of company-wide hackathons and participant in Tech for Social Good
- Present new technologies to senior technology management for broad understanding and inclusion
- Code for Good Team Mentor; a multi-city hackathon to help non-profit organizations with the technology needs via college students

Associate / JPMorgan Chase & Co - Chicago, IL

01/2006 - 01/2013

- Design and develop application code using COBOL, CICS, JCL and DB2
- Leadership of projects within an enterprise release
- Mentor and advise others on the best design and standards for new code
- Developed tools to assist in the productivity of team members
- Provide on-call support
- Work with business analysts to test application
- Develop testing scenarios and scripts
- Working business knowledge of the Banking Industry
- Review code for cost-savings opportunities
- Transitioned a key customer data application from COBOL to Java

EDUCATION AND TRAINING

Eastern Illinois University - Charleston, IL

05/2000

Bachelor of Science: Computer and Operations Management

WEBSITES, PORTFOLIOS, PROFILES

- <https://github.com/halversondm>
- <https://halversondm.com>

ADDITIONAL INFORMATION

- JPMorgan Chase Expert Engineer in 2012
- Certified Kubernetes Application Developer, 2020
- Patent Pending, METHOD AND SYSTEM FOR CONSTRUCTING WORKFLOW APPLICATIONS USING CONFIGURABLE COMPONENTS AND SERVICES, Application No. 18/191,171
- Wrote "React and Angular – A Contrast" on Medium