



MARC DENNING

SR. MANAGER, ENGINEERING | MARCDENNING.COM

OBJECTIVE

Engineering leader with 10+ years experience spanning hands-on architecture to people leadership.

Currently own technical direction for a 35+ application payment gateways portfolio.

SKILLS

- Coaching and mentoring
- Recruiting and hiring
- Collaboration
- Project estimation
- Cloud architecture
- DevOps
- Docker and Containers
- Microsoft Azure
- Java and Spring
- C# and .NET

EXPERIENCE

SR. MANAGER, ENGINEERING • PAVILION PAYMENTS

JUNE 2024 — PRESENT

- Mentor and coach development team of 4 in software best practices including source control, code review, continuous integration, testing, and object-oriented principles
- Hire 10 near-shore developers to augment Gateways team for 2 year-long modernization projects
- Architect enhancements to Payment Gateways product suite to support delivery of more than 10 projects
- Drive upgrade and containerization of more than 6 .NET and Java services in a distributed system
- Lead migration of Spring application from GCP to Azure including 6GB database and 12TB of image data
- Through a continuous improvement mindset, reduce incident frequency for Payment Gateways systems by over 50%
- Collaborate with Product Management to evolve roadmap for more than 35 applications in the Gateways portfolio and balance innovation with management of technical debt

EDUCATION

B.S. COMPUTER SCIENCE • MAY 2013 • NORTH CAROLINA STATE UNIVERSITY

Graduated Summa Cum Laude



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[MARCDENNING](https://www.linkedin.com/in/marcdenning)



[MARCDENNING](https://github.com/marcdenning)



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EXPERIENCE

SERVICE MANAGER • INSIGHT • APRIL 2020 — JUNE 2024

- Lead development of up to 22 consultants in the Modern Apps practice through mentoring, coaching, and sponsorship
- Grow the local practice team by 10% over 18 months by overseeing recruitment of strong junior consultants through a targeted career switch program
- Help sales team secure over \$2 million in service contracts annually by leading estimation effort and scoping technical solutions for client needs
- Coach project teams working with clients on software development practices including testing strategies, Continuous Integration and Continuous Delivery, and Cloud Architecture
- Found the national Java Guild to facilitate improvement of collective software engineering practices and development of marketing materials

Project — Enterprise Learning Development SaaS Product

- Design project approach for 5-team program to help rapidly build out a new Enterprise product
- Partner with Program Management and Lead Architect to identify and tackle project risks, manage stakeholder expectations, and manage scaling the delivery team up and down
- Interview and select off-shore developers to augment delivery teams and balance cost

Project — Accelerated Consulting Experience Program

- Collaborate with cross-functional teams to build the Accelerated Consulting Experience Program (ACE), a junior consultant training program that brought in three dozen new consultants
- Set vision for and oversee development of the back-end developer track for the ACE Program focused on Java + Spring and C# + .NET
- Provide coaching to assigned mentors of junior consultants and develop performance plans and reviews with the program participants to support billable project assignment

Project — Retail Operational Management System

- Lead cross-functional development team in modernization of legacy .NET Framework application to .NET Core and Vue.js modular web application
- Coach client development team in modern software development and agile practices including source control with Git, unit testing, and continuous integration



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EXPERIENCE

ARCHITECT • INSIGHT • JANUARY 2019 — MARCH 2020

Project — Microservices Commerce Platform

- Lead a 6-person team in developing Java and Spring Cloud microservices and data processing applications including integrations with SQL Server and Datastax Cassandra
- Bring release success rate from 60% to 90% through design of CI/CD pipeline in GitLab CI for multi-environment deployment and release process using blue/green deployment
- Containerize Java Spring applications for deployment to Pivotal Cloud Foundry
- Develop and maintain logging, metrics, and alerts for applications using the ELK stack

Project — Risk and Maintenance Dashboard

- Lead development of Spring Boot API and Angular web app for a program management solution
- Introduce re-usable patterns for adopting Microsoft Azure Cloud-Native platforms with Java

PRINCIPAL SOFTWARE ENGINEER • CARDINAL SOLUTIONS • APRIL 2017 — DECEMBER 2018

Project — Cloud-Native Statistical Analysis Portal

- Deliver pilot for new product offering for client, expanding their services portfolio
- Architect cloud-native .NET application to execute statistical analysis of user-provided data sets
- Integrate with pre-compiled executable containing proprietary statistical algorithm
- Configure CI/CD pipeline in Azure DevOps for .NET and Javascript application components

Project — REST API for Mobile App Startup

- Architect and develop REST API to back native iOS and Android mobile applications, enabling delivery to market of version one of the application
- Manage deployment of application on Microsoft Azure utilizing App Service for Java, Azure SQL, Notification Hubs, and Application Insights
- Containerize API on App Service to improve start up time by 40% and response time by 60%

SENIOR SOFTWARE ENGINEER • CARDINAL SOLUTIONS • MARCH 2015 — MARCH 2017

Project — Single-Sign-On Entryway

- Lead development of centralized authentication platform built on top of Okta and .NET
- Guide 3 other internal and partner teams in integrating with Okta for SSO



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