

# Ron Meck

## Enterprise Architect & Technology Transformation Leader

### WORK EXPERIENCE

#### Virginia Department of Transportation (VDOT), Richmond, VA

##### Senior Enterprise Solutions Architect (Contract)

Jan 2024 - Feb 2026

- Led statewide enterprise architecture strategy for mission-critical transportation platforms, aligning IT investments with agency-wide business objectives and operational priorities.
- Established architecture governance, standards, and performance metrics that strengthened compliance, accountability, and cross-division alignment.
- Directed product line roadmaps and budget forecasting to ensure modernization initiatives aligned with fiscal constraints and long-term strategic goals.
- Authored enterprise architecture research that influenced statewide digital strategy and supported the approval and launch of three innovation initiatives.
- Championed secure Azure adoption using Functions, Blob Storage, Queues, cloud governance frameworks, and regulatory controls.

#### Capital One, Richmond, VA

##### Senior Manager, Software Engineering Architect

Oct 2016 - Jul 2023

- Architected and led mission-critical enterprise payment systems and cloud migration strategies serving nearly 60M monthly users and processing approximately \$2T annually.
- Directed multi-disciplinary architecture teams across engineering, product, and security, owning end-to-end platform architecture and delivery outcomes.
- Drove a \$30M annual revenue increase through strategic re-architecture of payment platforms, improving throughput, scalability, and operational efficiency.
- Reduced feature delivery timelines by 75% by transitioning legacy systems to cloud-native, API-driven microservice architectures.
- Acted as a player-coach, setting technical direction, leading architecture and design reviews, mentoring engineers, and remaining hands-on in backend service and API design.
- Oversaw frontend modernization using React.js and TypeScript, reviewing component architecture, state management patterns, API contracts, and performance considerations.
- Held accountability for architectural decisions impacting platform risk, regulatory compliance, reliability, scalability, and long-term sustainability.

#### Bank of America, Richmond, VA

##### Enterprise Solutions Architect

Oct 2008 - Aug 2016

- Led enterprise architecture initiatives supporting large-scale, high-availability financial systems across multiple business units.
- Guided teams through platform modernization, data center migration, API-driven integration, and service-oriented architecture initiatives.
- Served as a trusted architecture advisor contributing to enterprise-wide technology decisions and long-term transformation opportunities.
- Supervised and mentored architects and engineers, driving alignment on architecture standards, reusable patterns, and best practices.
- Evaluated emerging technologies and led informed adoption of platforms that improved performance, security, scalability, and maintainability.

### PREVIOUS EXPERIENCE

#### Manager, Software Engineering, Capital One, Richmond, VA

Jan 2019 – Jan 2021

#### Senior Software Engineer, Capital One, Richmond, VA

Aug 2018 – Jan 2019

#### Senior Cloud Platform Engineer, Capital One, Richmond, VA

Oct 2016 - Jul 2018

#### Enterprise Architecture Consultant, Bank of America, Richmond, VA

Oct 2008 – Jul 2010

#### IT Program Manager, US Navy, Yorktown, VA

Aug 2007 - Oct 2008

#### Senior Enterprise Architect, US Army, Fort Lee, VA

Jun 2002 - Aug 2007

### CONTACT

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### SKILLS

#### Enterprise Architecture:

- Architecture Governance
- Business Capability Modeling
- IT Strategy Alignment
- Platform Modernization
- Domain-driven Design
- Platform Modernization

#### Applied AI & Engineering Enablement:

- Local LLM Tooling
- AI-Assisted Development
- Prompt Engineering
- Agentic Coding Workflows
- Developer Productivity Evaluation

#### Cloud & Platforms:

- Azure
- AWS
- Cloud-Native Architecture
- Microservices
- API-Driven Platforms

#### Engineering Leadership:

- Team Leadership
- Player-Coach Leadership
- Mentoring
- Cross-Functional Collaboration
- Executive Advisory

#### Delivery & Operations:

- DevOps
- CI/CD (Jenkins, GitHub Actions)
- Observability
- Reliability Engineering
- Agile/Scrum Methodology
- Performance Optimization

#### Technical:

- Python
- React.js
- TypeScript
- Node.js
- Java/Springboot
- Postgres
- Git
- Event-Driven Architecture

### EDUCATION

#### Strayer University

BS, Computer Information Systems

#### Strayer University

AA, Inter-networking Systems

### OTHER

#### Patents:

- Cloud Systems State Management
- Automated Software Roll-Forward / Rollback
- Least-Privilege Access Automation
- Terraform Infrastructure Modernization