

Cloud & AI Architect & Strategist | Blockchain Architect | Driving Innovation & Transformation | Hands-On Technical Leader

WORK EXPERIENCE

2022-01 -  
2023-04

Founder  
Memory Gardens

As the Founder and CEO of Memory Gardens, I have been instrumental in our groundbreaking platform's conception, design, and leadership. By leveraging state-of-the-art Web3 and AI technology, we have created an innovative solution for crafting interactive and immersive photo and video albums, ensuring unparalleled security and trust for our users. My key contributions to the company include the following:

- **Technical Leadership:** With my deep understanding of various technologies and market trends, I provided exceptional leadership, fostering a culture of innovation. I inspired team members to excel and ensured project milestones' success.
- **Project and Program Management:** My role was pivotal in converting technical requirements into actionable tasks, effectively managing them from inception to completion. My responsibilities included task structuring for efficient sprints, conducting agile scrum meetings, tracking and adjusting KPIs and OKRs, mitigating project risks, prioritizing tasks aligned with strategic goals, and ensuring timely delivery.
- **Product Development & Technical Architecture:** I played a hands-on role in the product development process, managing all lifecycle stages from conceptualization to deployment, including designing the technical architecture, managing resources, schedules, and project scope, and ensuring a smooth transition from a concept to a fully functioning product.
- **Development & Coding:** As a technical leader, I not only supervised but also directly contributed to front-end and back-end development using technologies like Next.js, React, Python, Terraform, and Node. My hands-on experience encompassed everything from code reviews to writing code for the infrastructure and the product, ensuring our technical output was of the highest quality.
- **AI & Blockchain Integration:** My innovative solutions included designing and implementing a proprietary AI system to identify optimal investors for Memory Gardens. Further, I integrated advanced Web3 and blockchain technologies into our product, enhancing platform robustness and scalability.
- **SEO & Marketing:** Understanding the significance of digital visibility, I spearheaded the implementation of SEO best practices, enhancing our product's online presence and reach to target audiences.
- **Customer and Investor Relations:** An integral part of my role was pitching our product to potential customers and investors, successfully securing funding, and fostering relationships with these key stakeholders. My contribution generated interest in our platform and maintained robust ties with existing partners.

2021-08 -  
2022-02

DevOps Tech Lead  
Maple Finance

As DevOps Tech Lead at Maple Finance, a corporate credit market built on the Ethereum and Solana blockchains, I have played a critical role in shaping the technological and operational aspects of the platform. My primary responsibilities have included:

- **Web2 and Web3 DevOps:** Spearheaded the development and maintenance of both Web2 and Web3 environments, ensuring seamless integration and operational excellence.
- **Enterprise-Grade Blockchain Solutions:** Architected and built enterprise-grade blueprints for decentralized applications (DApps), importing the maturity of traditional CeFi security and process controls into the DeFi ecosystem.
- **Cloud Solution Architecture:** Designed and implemented robust cloud solutions for Maple Finance's growing platform, enhancing scalability and efficiency.
- **SRE and Resiliency:** Increased platform resiliency and availability by implementing Site Reliability Engineering (SRE) best practices and monitoring system performance.
- **Infrastructure Automation:** Automated pipelines and infrastructure as code, streamlining deployment processes and reducing manual intervention.
- **Security Controls and Guardrails:** Established stringent security controls and guardrails, protecting platform resources and customer data.
- **Platform Operations and Monitoring:** Managed platform operations, proactively monitoring system health and addressing issues to maintain optimal performance.
- **Process Implementation:** Developed and implemented standardized processes and documentation to drive consistency and efficiency across the organization.



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SKILLS

Leadership, Team Building & Management



Technology Management



AR/VR



AI & GPT



Google Cloud



Azure Cloud



AWS Cloud



Products Architecture & Design



Blockchain Technology



Solidity, Smart Contracts and Defi



Infrastructure and Platfrom Solutions



CI/CD , IaC, Terraform



- **Project Management:** Oversaw end-to-end project management, from planning to execution, ensuring timely completion of objectives and effective resource allocation.
- **Kubernetes & Docker:** Utilized Kubernetes and Docker to enhance containerization and orchestration, improving platform flexibility and maintainability.

2020-11 -  
2021-08

#### Vice President, Enterprise Cloud Solution Architecture

JPMorgan Chase & Co.

As Vice President of Enterprise Cloud Solution Architecture at JPMorgan Chase & Co., I have led the organization's strategic direction in cloud integration and transformation across business lines. My primary responsibilities have included:

- **Cloud Integration Consultation:** Assisted various business lines in adopting best-of-breed public cloud solutions, helping them transition existing applications to the cloud and laying the groundwork for greenfield applications.
- **High-Level Architecture & Strategy:** Delivered comprehensive architectural blueprints and go-forward recommendations while addressing the requirements and budgetary considerations of the business.
- **Cloud Solution Research:** Conducted in-depth research on new public cloud solutions and components and devised consumption framework recommendations to support informed decision-making.
- **Blueprint Design:** Architected and designed reusable blueprint patterns for new cloud solutions and technology stacks, primarily focusing on AWS and GCP platforms.
- **Google Cloud Framework Consultation:** Provided expert guidance on creating robust frameworks and guardrails for Google Cloud adoption, ensuring best practices and a smooth transition.
- **Chaos Engineering & SRE Consultation:** Advised on chaos engineering, testing, and Site Reliability Engineering (SRE) best practices in public cloud environments and developed a framework for evaluating application readiness for chaos testing.
- **Cloud IAM Recommendations:** Designed and provided guardrail recommendations for cloud Identity and Access Management (IAM) solutions, ensuring secure and compliant resource access.

2018-07 -  
2020-11

#### Associate Director of Public Cloud Platforms

KPMG US

As an Associate Director of Public Cloud Platforms at KPMG US, I delivered public cloud environments on Google Cloud, Azure, and AWS, driving time-to-market velocity with repeatable, reusable "Lego bricks" for diverse applications and environments. My key contributions include the following:

- **Turn-Key Cloud Environments:** Delivered comprehensive cloud environments to support business applications across various platforms, adhering to corporate standards and customer requirements.
- **Reusable IaaS and PaaS Solutions:** Developed Infrastructure-as-a-Service (IaaS) and Platform-as-a-Service (PaaS) solutions as code for Google Cloud, Azure, and AWS, incorporating resilient and available (SRE) designs.
- **Requirements Analysis:** Conducted interviews with business stakeholders to analyze customer requirements and drafted Business Requirements Documents (BRDs).
- **Project Management:** Scoped Statements of Work (SOWs) and Methods of Procedure (MOPs), and developed project plans, including Jira boards, epics, and tasks, while overseeing the operational processes for contingent workers.
- **Guard Rails and Security Policies:** Defined, developed, and implemented security policies and guardrails to ensure compliance and mitigate risks.
- **Resource Management:** Engaged with business stakeholders to support their resource needs, partnering to define appropriate use of FTEs, Contractors, and SOWs.
- **Global Contingent Workforce Programs:** Identified, implemented, and oversaw global contingent workforce programs across multiple sites, proactively addressing training, issues, and questions with external suppliers and partners.
- **Team Building:** Hired, trained, and developed a team of talented engineers to provide turn-key infrastructure solutions, enabling them to adopt a "cloud-minded" mindset.
- **Hands-On Experience:** Demonstrated hands-on expertise in architecture, engineering, DevOps, and support, actively contributing to the team's success and delivering high-quality solutions.

2013-11 -  
2018-07

#### Associate Director

The Depository Trust & Clearing Corporation

Associate Director & Sr. Infrastructure Architect. Design network infrastructure solutions based on customer requirements and needs that support the company products and internal operations. Responsibilities include IT roadmaps, new technology evaluation and integration, architecture standards, cost saving recommendations, vendor relationships and cross-functional collaboration throughout IT and business units.

- Received "2016 Leadership Award" for firewall virtualization project Uncovered various opportunities that increased efficiencies and system resiliency and availability
- Developed skilled engineers by mentoring and training professionals in various offices
- Uncovered security gaps and product vulnerabilities and championed remediation

## CERTIFICATIONS

Certified Blockchain Expert

Certified Quorum Expert

Certified Solidity Developer

Certified Ethereum Professional (CEP)

Certified Smart Contract Developer

Certified Blockchain Architect

Google Architecture Professional

Google Network Engineer Professional

Google Security Engineer Professional

AWS Associate architect

AWS Advanced Networking - Specialty

Azure Solutions Architect Expert

Azure Security Engineer Associate

Azure AI Engineer Associate

ITILv3

Palo Alto Networks PNCSE

Checkpoint CCSME

Checkpoint CCSE

Cisco CCNP

Microsoft EA

- Created dynamic firewall access solution for Office 365 and other SaaS applications
- Drove firewall virtualization effort that reduced OPEX and increased cost avoidance
- Created identity-based access control in lieu of traditional IP based firewall access

2013-04 -  
2013-11

#### **Senior Network Engineer**

Epsilon

Senior Network Engineer .Support firewall and network infrastructure. Stabilize the network by initiate proactive measures to reduce downtime and improve performances. Audit the firewall systems for security risk and implement best practices. Handle day to day operation and issues resolution. Follow process including change request, mops and documentation.

2010-07 -  
2013-04

#### **Professional Services Consultant**

Check Point Software Technologies

Professional Services Consultant.Consulted on some of Check Point's largest customers on product integration. Provided training and implementation of Check Point's high-end products in complex networking environments.

2010-07 -  
2013-01

#### **Diamond Engineers-Strategic Accounts**

Check Point Software Technologies

Team Lead as a Technical Account Manager and Support Engineer responsible for managing a team of engineers that worked with customers on improving the security infrastructure of implementing better security practices utilizing Check Point products in most effectively. Assisted in resolving strategic and tactical incidents and problems. Drove account size increase for strategic accounts Championed on-site consultation and assistance with major upgrades for strategic accounts Proactively worked with customers to increase their security

## **EDUCATION**

2009 - 2014

**B.Sc**

Collin County Community College

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