Deepanraj Vellingiri

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SUMMARY

Experienced Cloud Architect with over 8 years of expertise in multi-cloud environments (AWS & Azure), specializing in secure, scalable architecture design and data migration to SaaS platforms with integrated AI solutions. Demonstrated success in defining and implementing IAM strategies while aligning IT risk and security policies across enterprise systems. Recognized Microsoft Security Researcher (**CVE-2021-24113**) with a strong focus on identity governance, compliance, and zero-trust architecture. Adept at collaborating with cross-functional teams to embed security best practices from design through implementation, enabling digital transformation at scale.

SKILLS SUMMARY

- **Cloud Service Providers :** Extensive knowledge of Azure and AWS (IaaS, PaaS) for cloud architecture and deployment.
- **Migration Strategy:** Skilled in the 6-phase (6 PR) migration strategy to streamline and optimize cloud migration processes.
- **Frameworks:** Experienced in implementing cloud solutions within the AWS Cloud Adoption Framework (CAF) for structured and strategic digital transformation.
- **AI Adoption:** Proficient in leveraging AI frameworks including OpenAI, Snowflake Cortex/Vision, Gemini, and Grok API integrations to solve complex enterprise challenges with intelligent automation and predictive insights.
- **Project Management:** Proficient in Agile methodologies, including Scrum and Kanban; experienced with project management tools such as Jira,Confluence, Azure boards for collaborative planning and tracking.
- **Continuous Integration/Continuous Deployment (CI/CD):** Knowledge in CI/CD pipelines using Azure DevOps, Git, and Jenkins for efficient software development and deployment.
- **API Integration:** Designed and integrated services using REST and GraphQL API, enabling efficient data access and system interoperability.
- **Deployment Strategy:** Knowledgeable in Blue/Green deployment for minimizing downtime and reducing risks.
- **Cloud FinOps:** Expertise in Granulate tool for cloud financial operations, including cost optimization, budgeting, and forecasting.
- **Reporting and Dashboard**: Skilled in creating interactive powerbi dashboards and reports to visualize key business metrics
- **Soft Skills:** Strong team player with proven stakeholder management and people management skills, along with excellent communication abilities for effective collaboration and project alignment.

WORK EXPERIENCE

Company- PWC
Project- 1 | **Role**-Multi Cloud Architect | **Client**- Retail   **September 2025 – Present**
Technologies: Azure/AWS/GCP Cost Management, Cloud Adoption, Data Governance, Cloud Design and Solution -Tier2&**3**
Responsibilities: Designed and implemented scalable, secure, and cost-optimized multi-cloud solutions across AWS, Azure, and GCP, enabling seamless hybrid integration and compliance.

Company- Accenture
Project- 1 | **Role**- Azure Cloud Architect | **Client**- Banking/Insurance   **October 2024 – September 2025**
Technologies: AzureOpen AI, Entra B2C/B2B, Azure Web App, SQL Database, Azure Vault, Functions, Azure DevOps
Responsibilities: As an Azure architect, my initial work involved automating MS Graph API access provisioning to address challenges in the current system, which relies on a **six-year-old** codebase.

Project-2 | **Role**- Cloud Architect | **Client**- Logistics   **November 2023 – October 2024**
Technologies: Azure IoT Hub, Azure Stream Analytics, Azure Synapse Analytics, Power BI, Azure Functions
Responsibilities: Shaped logistics solutions by leveraging Azure IoT and analytics services, enhancing real-time visibility by 40% and boosting client engagement.Additionally, improved client deal conversion by 18% by showcasing the value of Azure-based IoT ecosystems integrated with real-time analytics and predictive insights.

Project- 3 | **Role**-Data Migration Consultant | **Client**- Hospitality   **May 2022 – November 2023**
Technologies: AWS Lambda, SQS, S3, EKS, Monday.com, GraphQL, Snowflake, Akana API, Git, Jenkins
Responsibilities: Specialized in integrating Monday.com with AWS services like Lambda, S3, and SQS to enable seamless migration task tracking for **11,000** properties.Proficient in optimizing API processing, ensuring secure data storage, and implementing efficient task management systems to streamline migration workflows and enhance operational efficiency.

Project- 4 | **Role**-Cloud PreSales Lead | **Client**- Retail   **November 2021 – May 2022**
Technologies: Accenture Internal Tools, Aws for retail
Responsibilities:Designed scalable retail cloud solutions leveraging Azure to improve omnichannel efficiency by 30%. Supported RFPs and delivered compelling solution demos, showcasing end-to-end retail cloud capabilities. Achieved a 15% higher win rate in retail deals by leading technical solution architecture and aligning cloud strategies with client needs.

Company- Cognizant
Project- 1 | **Role**- Cloud Operations Enginee**r** | **Client**- Retail   **June 2018 – November 2021**
Technologies:Azure, AWS service.
Responsibilities: Experienced Cloud Operations Engineer skilled in managing multi-account Azure, AWS environments, optimizing costs, and ensuring high availability using services like Azure VM, policy, roles, vnet, EC2, S3, IAM. Proficient in incident management, network configuration, and security compliance with tools like GuardDuty, WAF, and Trusted Advisor. Delivered efficient, scalable solutions while maintaining SLAs across **50+** AWS accounts/ Azure management groups.

MIT LICENSED PROJECTS

OpenAI-Microsoft-Hackathon-Challenge | [LINK](#)

- ○ AI Architecture Assistant is a groundbreaking solution developed for the Azure AI Developer Hackathon that revolutionizes cloud architecture design. By leveraging Azure OpenAI and AI Foundry accelerators, it provides intelligent recommendations, automated diagrams, and infrastructure as code generation.

AI-Resume Creator Pro | [LINK](#)

- ○ Beat the robots and land more interviews. Our advanced ATS scanner analyzes your resume and provides instant voice-guided feedback to help you get past automated screening systems.

Snowflake-AI-Research-Vision | [LINK](#)

- ○ By leveraging the power of advanced snowflake AI, Vision enhances product performance evaluation, optimizes inventory management, improves customer satisfaction, identifies market trends, and supports strategic planning.

Pangea-AWS-Securathon | [LINK](#)

- ○ Developed and deployed a secure healthcare web application using React.js on Azure Web Apps.
- ○ Implemented robust login and registration processes authenticated by Pangea and Auth0 for enhanced identity management.

Microsoft-Identity-For-All | [LINK](#)

- ○ Developed web app enabling secure access for customers and business groups through Single SignOn (SSO) and Multi-Factor Authentication (MFA). Implemented social identity for B2C access and business organization account integration for B2B applications, ensuring robust authentication mechanisms for both user segments..

AWS-Counterfeiting-Hackathon | [LINK](#)

- ○ Enabled solution for product authentication through TCC QR codes on batch or serialization levels for smart products. Consumers can utilize ordinary smartphones to scan the QR code, triggering a product authentication check against its digital record on the TCC Platform, providing instant confirmation of the product's authenticity.

Microsoft-Malware-Detection-Azure-Sentinel | [LINK](#)

- ○ Created Malware Threat Detection Solution, ensuring cybersecurity with advanced detection against backdoors, password stealers, ransomware, trojans, and worms to fortify against diverse cyber threats.

CERTIFICATES

1-AI-102: Microsoft Certified: Azure Administrator Associate	**Dec 2026**
2-AZ-305: Designing Microsoft Azure Infrastructure Solutions	**Septr 2026**
3-AZ-104: Microsoft Certified: Azure Administrator Associate	**March 2025**
4-CSI Linux Certified Investigator CSI	**November 2024**
5-AWS Certified Solutions Architect-Associate	**March 2022**
6-AWS Partner- Accreditation	**April 2024**

EDUCATION

Degree: B.E. in Electronics and Telecommunication Engineering (UIT-Affiliated to Anna University)   **April 2013 - June 2017**

DECLARATION

I do hereby declare that the details furnished above are true to the best of my knowledge and ability.

PLACE: Coimbatore   Yours Sincerely,
DATE: 08-09-2025   (DeepanRaj)