

cchinchoy@gmail.com

+18686828922

501634, Chaguanas Trinidad & Tobago

WWW: <https://tt.linkedin.com/in/colin-chin-choy-36ab8614>

WWW: colinchinchoy.info

## Skills

### Artificial Intelligence & Automation

- AI/Automation Architect specializing in **Agentic Workflows, RAG Pipelines, LLM Orchestration**
- Hands-on with **On-Prem LLM Deployments** (Ollama, secure isolated inference)
- AI solution development and **Machine Learning integration**
- Design and implementation of **AI-driven automation systems** (N8N, LangChain, custom agents)
- AI-powered business process optimization and digital intelligence frameworks
- Architecture for **enterprise-grade AI workloads**, inference pipelines, and vectorized retrieval

### Enterprise Architecture &

#### Strategic Design

- 10+ years in **Solutions & Enterprise Architecture**
- **IT Strategy Development** & digital transformation leadership
- Enterprise infrastructure architecture design (Hybrid Cloud, HCI, BCDR, Multi-Site)
- Business process analysis and workflow modernization
- Infrastructure design with an emphasis on scalability, resilience and automation

### Cloud, Infrastructure & Datacenter Engineering

- Infrastructure solution design for large enterprises
- Data center architecture, virtualization, and containerization (Kubernetes, Docker)

# COLIN B. CHIN CHOY

## Profile

Dynamic Senior Solutions Architect with extensive experience at Fujitsu, specializing in Enterprise Infrastructure Design, Virtual and Containerized environments and Backup Solutions. Proven track record in delivering innovative consulting and proposal management, while leveraging critical thinking and effective communication to drive digital transformation and enhance client outcomes. Expert in hybrid architecture and data center solutions.

## Recent Assignments

### Fujitsu - Senior Solutions Architect

01/2013 - 11/2025

- Consult, Design and Scope for all levels of enterprise organizations for:
- End to End Proposal Management from the technical requirements aspect to a bid development
- Business direction development from Consultancy to report efficacy and development tooling for company restart
- Trusted Advisor role for customers to deal with Vendors and market waves to ensure that they are not taken advantage of and made aware of all options even if it is not Fujitsu
- Infrastructure Storage Solutions from entry level NAS/DAS to Enterprise SAN
- Overall Data Center Solutions from Virtual Environments to HPC/Heavy Compute Data Centers
- Virtual Scalable standalone or Hybrid Environments
- Backup as a Service
- Stand Alone Backup Solution
- Multi-Tiered Backup solution with replication for BCDR
- Public and Private Cloud design and build-out for single and multi-tenanted solutions
- Workflow development for Big Data Analysis to business Possible outcomes
- Needs Analysis for business Pivot or alternate Revenue Stream determination
- IoT introduction and development for core business synergy with hybrid or cloud based technologies

### System Engineer IV

01/2011 - 01/2013

- Technical support for various companies region wide under the subject matters that I was deemed proficient and capable of managing.
- Backups
- Veritas NetBackup
- Windows Backup
- Symantec BackupExec
- Unix Backup

- Backup & BCDR solutions (PPDM, Veeam, Commvault)
- Infrastructure automation (Ansible, Terraform, CI/CD pipelines)
- Microservices and distributed system architecture
- Secure compute, storage, and network modernization

### **Software Engineering & Development**

- 15+ years Python development (Full Stack, Django, Flask)
- React Native development
- C++ programming and compiled systems knowledge
- Microservices, RESTful APIs, and integration engineering
- AI-embedded software solutions

### **Professional & Leadership Skills**

- Proposal management and solution development
- Client presentations & executive communication
- Technical documentation and architectural storytelling
- Critical thinking, analytical reasoning, and problem solving
- 32 years experience across ICT engineering, consulting & modernization

## **Education**

**01/1994**

**BSc (Hons):**

Computer Science

**University of the West Indies**

**01/1991**

**GCE "A" Level Studies:**

**Chaguanas Senior Comprehensive School**

Chaguanas

**01/1988**

**CXC Level Studies:**

**St. Mary's College**

**01/1983**

**Common Entrance Studies:**

**Maria Regina Private School**

- Unix Software and Hardware
- Storage - Variety of Vendors
- Hitachi
- Sun
- Dell
- HP
- Scope writing for Technical deliverable tasks for myself and Junior staff engineers
- Site visit assessments which fed into Bids and proposals
- Solution Marketing by giving presentations and being the technical point of focus for customer questions when needed.
- On-call third live specialist supporting all engineering levels remotely

### **Engineer II - R.I.M.**

**01/2010 - 01/2011**

- As the Subject Matter Expert for the fields of Sun/Oracle as well as S.A.N. technologies and Enterprise Backup Solutions I am placed into a role of mentoring and ensuring that all members of my team are afforded the same opportunities to advance while also giving the customer the greatest value for their output.
- Notwithstanding that aspect I am also considered the Second Lines of Diagnostics and Troubleshooting for the aforementioned technology areas.

### **Technical Team Leader**

**01/2009 - 01/2010**

- As the Team leader I am placed into a role of mentoring and ensuring that all members of my team are afforded the same opportunities to advance while also giving the customer the greatest value for their financial output.

### **Systems Engineer**

**01/2005 - 01/2009**

- This position has afforded me to work in varying areas of Technology that has led to projects that have impacted on a grand scale such as Telecommunications Companies within The Caribbean, Banking and Financial Institutions within the Caribbean and Oil and Gas Related Companies within the Region.

### **Technical Engineer**

**01/2004 - 01/2005**

- This position deals with Telecommunication as it relates to Information Technology. The total inter-connectivity of voice and data that impact on the daily flow of business.
- I have set up internal on camp DSL type services through standard PaBX as well as Microwave and Radio.

### **Self-owned Company - Manager**

**01/1996 - 01/2004**

- This Company, self-owned, took care of all needs of the customers from Photocopying to Word Processing and Graphic Arts. Accomplishments include the successful typesetting of books for Educational purposes and Newsletters.

## Certifications

- Certified Business Architect
- 6 Sigma - White Belt
- Lean 6 Sigma - White Belt
- 6 Sigma Yellow Belt
- 6 Sigma Green Belt
- 6 Sigma Black Belt
- Android Kotlin Development
- Python AI/Logical machines
- Python Big Data Analytics
- React Full Stack
- React Native Developer
- Flask and Python Full Stack Development
- Django and Python Full Stack Development
- Python Data Science
- Dell Storage Protection Architect
- Dell Storage Protection Associate
- Commvault Solutions Architect
- Commvault Technical Pre-Sales Engineer
- Commvault Pre-Sales Engineer
- T.O.G.A.F. Certification
- SCRUM Master Certified
- SCRUM Developer Certified
- ZEN Server  
Install/Config/Administer
- Evault Backup as a Service - Cloud Based Backup Solution
- VEEAM Backup and Replication
- VMWARE 6.0 Certified Professional
- Docker Design Engineer
- Kubernetes Design Engineer
- Vagrant Design Engineer
- CI/CD with Ansible, Terraform, Terachef, Jenkins
- Dot Net (C#) Programmer
- Web/Dev(PHP/HTML5)
- JavaScript/Kotlin
- Python 2.7/3.x
- Fujitsu Primergy  
Entry/Mid/Enterprise
- Fujitsu Eternus  
Entry/Mid/Enterprise
- Fujitsu Primergy and Eternus  
Train the Trainer
- Sun SPARC Enterprise Entry-

## Milestones

- **01/01/23, N.G.C.** - Server Migration, Trinidad and Tobago, Currently working on the subject customer consult for datacenter infrastructure and services.
- **01/01/23, GORTT** - Infrastructure Refresh, Trinidad and Tobago, Currently working on the subject customer consult for datacenter infrastructure and services.
- **01/01/22, M.I.S.T.** - Consultancy, Barbados, Currently working on the subject customer consult for datacenter infrastructure and services.
- **01/01/22, N.I.B.** Soft-Solution, Trinidad and Tobago, Designed and provided B.O.M. for on-prem infrastructure.
- **01/01/22, Egov, Jamaica**, Designed and provided the B.O.M. for phase 2 of the Project.
- **01/01/22, Climate Research Project**, Barbados, Designed and provided the B.O.M. for phase 2 of the Project.
- **01/01/22, Planning Institute of Jamaica**, Barbados, Designed and provided the B.O.M. for phase 2 of the Project.
- **01/01/22, Climate Research Project**, Barbados, Designed and provided the B.O.M. for phase 1 of the Project.
- **01/01/21, Ministry of Social Services**, Designed and provided B.O.M. for on-prem infrastructure.
- **01/01/19, C.X.C.**, Designed and supported to implementation the evolution of C.X.C.'s legacy virtual environment to a Hyperconverged Infrastructure solution across two (2) island states with the ability to utilize Stretch-WAN technology for highly available systems and fault Tolerant functionality.
- **01/01/19, GoRTT**, Designed the NetBackup Backup solution for legacy integration, to backup the Exchange and Active Directory servers to ensure coverage and viability of the data.
- **01/01/18, N.G.C.**, Designed and Implemented a Commvault Backup and Recovery solution as well as orchestrated the running of a Disaster Recovery Work Flow to facilitate Data Protection and Validation.
- **01/01/17, CLICO**, Implementation of Veeam Backup Solution to replace aging architecture housing ArcServe.
- **01/01/17, CLICO**, Implementation of Veeam Replication on Geo-WAN locations for Warm and Hot Disaster Recovery site.
- **01/01/16, PLIPDECO**, Successfully deployed customer's entire backup solution to a cloud based backup infrastructure powered by Evault software residing on Fujitsu Caribbean's Tier 3 Cloud I.A.S.
- **01/01/16, UWI, Jamaica**, Part of the Design and bid team that won the HPC solution for weather prediction and simulation.
- **01/01/15, CBTT** - Central Bank of Trinidad and Tobago, Successfully designed, bid and won a replication solution based on Veritas Appliances for a backup solution that incorporates BCDR and replication over a WAN.
- **01/01/14, CBVS** - Centrale Bank Van Suriname, Designed, bid and won the Virtual Infrastructure solution that brought the customer's entire environment up to a Converged Virtual Infrastructure Solution.
- **01/01/12, Digicel - B.V.I.**, A repair to a critical system that entails the customer to service their customers. This job was done with time as a factor. I flew into the country and effected the repair in the evening and flew out the next morning.
- **01/01/12, Petrotrin** - Solaris 9 Branded Zone Deployment, A solution to assist in the migration strategy of the customer to move from their current Solaris 9

Level/Midrange/ High-End M-Series Servers Specialist

- Oracle Solaris Support Specialist All Hardware Presets
- Symantec Data Loss Protection 11.0
- Symantec NetBackup 6.x - 7.x
- Symantec Storage Foundation 5.1
- Sun Certified Security Administrator Solaris
- Sun Certified Network Administrator Solaris 10
- Sun Certified Systems Administrator Solaris 10
- Sun Certified Systems Administrator Solaris 9
- Cisco C.C.N.A.
- Specialist Microsoft Windows Server 2003, 2008 - Administration
- Microsoft Exchange Basic Troubleshooting
- Hitachi Administration Engineer
- Hitachi Implementation Specialist

environment to newer hardware and newer operating system.

- **01/01/12, T.S.T.T.** - Symantec NetBackup 7.1 Automatic Image Replication Deployment, Total validation of the entire environment and performed the steps to configure Automatic Image Replication to turn both site to Hot Site with Pure Disk replication across the W.A.N.
- **01/01/12, T.S.T.T.** - Symantec NetBackup 7.1 Deployment, A solution to have multisite integration into one holistic backup solution to ensure that there is sustainability across the customers newer environment.
- **01/01/11, N.I.B.** - Solaris 8 Branded Zone Deployment, A solution to assist in the migration strategy of the customer to move from their current Solaris 8 environment to newer hardware and newer operating system.
- **01/01/11, T.T.S.E.C.** - NetBackup 7.1 Automatic Image Replication Implementation, Total validation of the entire Hot and Cold environment and performed the steps to configure Automatic Image Replication to turn both site to Hot Site.
- **01/01/11, T.T.S.E.C.** - NetBackup 6.5.5 to 7.1 Upgrade, Total validation of the entire Hot and Cold environment and performed the steps to upgrade Server from 6.5.5 to 7.1.
- **01/01/11, T.S.T.T.** - Tollgrade and JDSU, Assisted the Team with Production and Secondary Site Build out.
- **01/01/10, Ministry of Trade and Industry** - S.E.W. Project, Implementation utilizing best practice methodology. Total build out of all Sun/Oracle hardware.
- **01/01/10, Ministry of Trade and Industry** - S.E.W. Project, Creation of the Bill of Materials as well as Subject Matter Expert tasked with development of the solution documentation.
- **01/01/10, M.O.E.** - S.E.M.P., Assisted in the testing of the I.A.P. 3 and 4 solutions for the customer.
- **01/01/10, Guyana Telco**, Implemented the First Phase of a broader middleware application.
- **01/01/10, Trinidad and Tobago Security and Exchange Commission**, Designed and Implemented sections for the SAN and Backup.
- **01/01/09, Digicel - Barbados**, Designed High Level Solution for Symantec NetBackup Enterprise Solution.
- **01/01/09, National Insurance Board of Trinidad and Tobago**, Designed high level and Low level solution for implementation of new equipment.
- **01/01/09, T.S.T.T.** - Sun StorEdge 6920 SAN Dual site Fiber Interconnect, For Data sharing and possible replication.
- **01/01/09, Ministry of Public Utilities**, Install of Hitachi AMS2100 for bases of their fork-lifted infrastructure.
- **01/01/08, Digicel** - Hitachi SAN Upgrade, To facilitate expansion past the 20TB limit.
- **01/01/08, Colfire**, Preform Hardware refresh.
- **01/01/08, T.S.T.T.** - Implement a NetBackup Solution, For Voice Mail solution.
- **01/01/07, T.S.T.T.** - Installation and Configuration of Blackberry Resiliency Server, Residing on a Sun Fire T5220 with ZFS file system.
- **01/01/06, T.S.T.T.** - Installation and Configuration of two (2) Sun Enterprise 2900's, For the core billing and connectivity systems.
- **01/01/05, Ministry of Education - Jamaica**, Technical Lead for Nortel VoIP Solution.
- **01/01/05, New Building Society - Guyana**, Technical Engineer for Sun tasked with restoration of services.