**Achroo Batta**

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# PROFILE

*An IT professional with* ***16+*** *years of IT experience in Managing and Solutioning design, Implementation, architecting IT/Cloud Solutions keeping with built-in Security posture. Well versed with Agile & Waterfall Methodologies, Automation Frameworks, CI-CD Pipelines, Lift-Shift Strategy, Cloud Security Architecture, Solutions along with excellent Leadership abilities. Firm believer in continuous learning along with the growth mindset*

Some of my ‘key’ technical cert hunts below …

* 4 x Azure Certified [**AZ-900, AZ-104, AZ-400 and SC-900**]
* 1 x AWS Certified [**AWS Solution Architect Associate**]
* 1 x Kubernetes [**Certified Kubernetes Administrator**]
* Hashicorp **Terraform Associate Certified**
* **Certified Scrum Master**

# TECHNICAL SKILLS

* Programming
  + Infrastructure As Code using Azure Bicep for Azure, Terraform for AWS, and Azure
  + Python, PowerShell
* Tools
  + Jira, Docker, Kubernetes, Azure Boards, Bitbucket, GitHub, Azure DevOps, Jenkins, Confluence etc.,
  + Azure, AWS Products and Services,
* Security Frameworks
  + information security and privacy frameworks (ISO 27001:2022)

# CAREER HISTORY

**AVANADE Consulting – Sydney [Sr Consultant, App Security]** Mar 2022 - present

***Key Projects, Responsibilities and Achievements*:**

* **Infrastructure & Security Technical Manager** - Involved in Data Migration project for **Commonwealth Bank [CFS]** to implement a solution to migrate, transform and extract Terabytes of data from CBA network to CFS Azure Cloud Space. My role is to
  + Design of Ci-CD pipeline and GitHub branching Strategy following Microsoft’s best practices
  + Creation of Low-level design documents and attend review meetings with key stakeholders.
  + Attending Biweekly meetings with Client program managers about status updates and drive other key discussions.
  + Manage and segregate work among team members.
  + Participate in Daily sprint activities and attend review meetings.
  + Implemented solutions using Azure Bicep and Azure DevOps pipeline for Azure resources like VNets, Subnets, RT, NSGs, VMs, Storage Account, Key Vaults etc.,
  + Received **SuperHero Award** for managing and implementing solution.
  + Mentored & Lead **10 Junior project members** for the successful project execution.
* **Solution Architect** - Involved in solutioning of ‘DevOps pipeline Optimization’ for **Mater [Catholic, Non-profit Organization]** using DevSecOps strategy to bring onto the Uniform platform across the organization.
  + Meeting with Technical key stakeholders of different business units to understand their workflows and existing build strategies.
  + Reviewed their existing Azure Cloud footprint and come up with re-organizing the DevOps project hierarchy.
  + Prepared High Level Design and Solution document for new DevOps roadmap.
  + CI-CD Uplift recommendations for a full DevSecOps alignment
  + Prepared Estimation, Pricing and Resourcing model for implementation of project using Avanade internal Tool.
  + Budget forecasts, Cost considerations and efficiency metrics to demonstrate ROI implications to Head Cloud and DevOps operation of Mater.
  + Mentored and walkthrough of technical design/solution to implementation team of **5 members.**
* **Technical Security Manager** - involved in ‘Complex Active Directory Advisory Security Assessment’ for **RioTinto** client under their On-premises Window servers’ environment.
  + Involved in discussion with Architect and Client Project Manager to understand the scope and timelines of project.
  + Drive program which involves vulnerability scanning and implementing fix using AD Scheduled tasks.
  + Seek approvals from key stakeholders for the implementation phase which involves other Security Engineers and Identify SMEs to be part of that project execution.
  + Preparation of Progress Dashboards and sending reports to clients.
  + Played a role which involves effective communication, project Tracking and impediments resolver during course of project.
  + Driving internal scrum meeting with **team of 5**
  + Presented project milestones and key achievement to client.
* **Infrastructure Lead** – Implementation of POC for modernization of **Commonwealth Bank [CFS]** legacy Dot net application. My role comprises of: -
  + Understand the requirement of POCs by attending discussions/meetings with client key stakeholder and Senior Architect
  + Implemented showstopper items of the purposed solution i**n 20 days**.
  + Documented solution implementation and test results.
  + Design and Documented Branching and CICD strategy
  + Presented solution to Client Key stakeholders and receive accolades for achieving in short time span.
* **Infrastructure Lead [*Internal Project*]** - Successfully executed the ‘**Asset Building & Pipeline creation Project**’ with a **team of 5** to develop Terraform modules for all the Azure Services which enables a central repository for the Avanade COE objectives to benefit engineers as a reference point moving forward for any engineering needs. This helps in young talent enablement.

**Global Payments**-**Formerly TSYS [Technical Manager]** Nov 2010 - Jan 2022

Worked on diverse set of roles starting from Software Engineer to Technical manager on variety of projects ranging from legacy applications to modernization of applications for **US/UK Banking clients** for TS2 products.

***Key Responsibilities*:**

* Working closely with development team for deployment fixes.
* Build CI/CD pipelines for Gradle/java spring boot projects using shell/python scripts.
* Setting up K8s cluster using KOPS/EKS in dev/qa regions for DI teams.
* Maintaining and apply patches on in house K8s Clusters.
* Upgrading YAML configurations for deployments, pods.
* Migration of infrastructure to Cloud using Terraform.
* Attending/driving scrum processes like Sprint planning, Sprint review and other ceremonies.
* Managing and communicating with stakeholders.
* Participation in DR activities.
* Build CI/CD pipelines using AWS Code Commit, Code Pipeline and Code Build.
* Written infrastructure as code using BuildSpec.yaml for Lambda functions, Dynamodb, API gateway, S3 invokes cloud-form.
* Implemented serverless architecture on AWS for server-based application.
* Distribution of work and deliveries in **team of 10.**

***Achievements*:**

* Ramp up of team from 3 to 10 by gaining and building trust with client.
* Refactoring of server-based solution to serverless solution led to cost savings.
* POCs on using ARGO CD for K8s projects rather than traditional CICD process.
* Build technical solutions for multiple projects and delivered them successfully with Zero Defects.
* Implemented multiple Initiatives towards coding standards, code coverage.
* Asset building for young talent enablement.
* Coached and trained junior team members on new tech stacks like AWS, Kubernetes.

**DXC Technology-Formerly CSC [Programmer Analyst]** Jul 2007 - Nov 2010

Worked as Onsite Coordinator and programmer analyst on implementation of compliance on acquirer side of **Barclaycard, Northampton, UK** in Credit Card Domain.

***Key Responsibilities***:

* Worked as Onsite coordinator to get requirements from Enterprise Architect and served as a bridge between onsite and offshore team.
* Worked on CSD preparation, addition of new fields in file layout, code changes, unit test case preparation and unit testing.
* Problems detected by end user are raised in quality centre.
* My role was to analyse, recreate, bug fixing and delivery document preparation for high, medium, and low priority problems.
* Implemented compliance related changes in Association/Interchange/Schema related code changes.

***Achievements*:**

* Appointed as a DP Coordinator
* Got nominated for internal reward program for automation of manual activities using REXX
* Independently handled Level1 defects.

**EDUCATION**

Master of Computer Applications 2007

Bachelor of Civil Engineering 2003