

Anicca Data Science Solutions – Company Overview

Anicca Data Science Solutions, founded in 2017 by Dr. Tarak Woddi ¹, is a Bellevue, Washington (USA)-based tech firm focused on data-driven business solutions. Its mission is to “transform data into business” by building big-data platforms, algorithmic products and AI/ML applications that improve operational efficiency. Anicca’s tagline is “Finding Order in Chaos,” reflecting its goal of empowering data-driven decisions across industries ². The company started with a flagship product in 2018 (a Digital Reporting Tool for McDonald’s) and emphasizes end-to-end data services ³ ⁴. Key leadership includes Founder/CEO Dr. Tarak Woddi (ex-Microsoft, Staples, Sears data scientist) ¹ and Dr. Madana Bachika (Managing Director & Head of India Operations) ⁵. Anicca is headquartered in Bellevue, WA ⁶, with engineering/R&D offices in Bengaluru, India ⁷.

Products & Services

- **Data Platforms & Analytics:** Anicca offers custom data-integration and BI solutions. Its “Digital Reporting Tool” product delivers dashboards and metrics for enterprise clients, with high-performance rendering of large datasets ⁸. The team specializes in migrating data from multiple sources (on-premises and cloud) into unified platforms, and building user-friendly visualization dashboards ⁹ ¹⁰.
- **Supply-Chain Optimization:** The **Anicca Supply Chain Platform** provides end-to-end inventory management tools. It includes ML-driven modules for demand forecasting, safety-stock optimization, lead/cycle-time analytics and replenishment, helping retailers improve product turns and allocation ¹¹ ¹². Anicca’s algorithms (e.g. Inventory Planner) use real-time data and “passive and real-time forecasting” to predict orders and manage both self-fulfillment and drop-ship models ¹².
- **Computer Vision Solutions (Anicca Vision):** A suite of domain-specific AI/vision applications – from road-traffic monitoring to drone and space-debris detection, and drive-thru/restaurant analytics ¹³. For example, Anicca developed a **Drive-Thru Vehicle Detection** system (using YOLOv3 object detection and ensemble ML) for a major QSR chain; the system is deployed at 100+ locations to automatically trigger order signals as cars enter drive-through lanes ¹⁴ ¹⁵.
- **Diagnostic Robotics:** The **Anicca Diagnostic Robotic Solutions** line uses autonomous robots for security/health monitoring. This “Secure Diagnostic Robotics” suite automates periodic, contactless inspections (e.g. checking equipment health, environmental sensors, access control) to improve efficiency and cyber-security ¹⁶.
- **Edge Computing/IoT:** Anicca’s **Edge Computing** solutions “bring data processing power at the edge” (close to where data originates) ¹⁷. This enables low-latency IoT and computer-vision deployments (remote monitoring, predictive maintenance, smart surveillance) with Azure and hybrid-cloud integration ¹⁸ ¹⁹.
- **Point-of-Sale (POS) Systems:** The company has built .NET-based POS software for the retail/QSR sector. Its team “specializes in harnessing the .NET framework, developing C# applications, and crafting dynamic plugins” for scalable POS solutions ²⁰. These systems (implemented for large QSR

clients) handle order processing, tax/receipt modules and custom plugins for unique business needs ²¹ ²² .

- **Education Platforms:** Through its FAVO brand (LMS and Academy), Anicca also offers e-learning and training platforms. (While these are separate web platforms, they leverage Anicca's AI for personalized education content.)

Technology Stack

Anicca employs a wide range of modern languages and tools. The core stack includes:

- **Languages/Frameworks:** C# and C++ (for .NET applications and performance-critical code), ASP.NET for web services ²³ , Python and PowerShell for scripting/automation ²³ .
- **Data & Analytics:** SQL/MySQL (relational DBs) and Azure Cosmos DB for storage ²³ . They use Kusto (Azure Data Explorer) for big data analytics queries ²³ . PowerBI is used for visualization ²³ .
- **Cloud/DevOps:** Azure cloud is a primary platform. Teams use Azure DevOps (pipelines, repos) for CI/CD ²⁴ ²³ . They also deploy applications with ARM templates, Terraform and PowerShell automation for multi-region resilience ²⁵ ²⁴ . For containerized workloads, they leverage Azure Kubernetes Service (AKS) ¹⁹ . Hybrid setups integrate Azure Active Directory for security ²⁶ . (The LinkedIn job description explicitly lists Azure DevOps, Kusto, Cosmos DB as required knowledge ²³ .)
- **Big Data / ETL:** On AWS, Anicca uses Glue Jobs and PySpark for ETL workflows, Amazon Redshift for data warehousing, etc. ¹⁰ . They also employ Directed Acyclic Graphs (DAGs) for orchestrating complex ETL processes ²⁷ . SQL query fluency is emphasized ²⁸ .
- **AI/ML & Vision:** TensorFlow/PyTorch or OpenCV for computer vision models (e.g. YOLO3 object detection ²⁹), Scikit-learn (e.g. random forests for classifiers) ³⁰ , and other ML libraries for forecasting. The vision platform runs on Intel NUCs and GPU servers (small-footprint hardware) ³¹ .
- **Systems/Networking:** Linux is used extensively (embedded and server), along with low-level knowledge (kernel debugging, network boot) for their hardware/edge solutions ²³ . "CIS" (likely Cisco network/security) expertise is also cited ²³ .

In summary, candidates should be comfortable with .NET/C# development as well as cloud-native tools (Azure/AWS), modern data platforms (Kusto, Cosmos, SQL), and Python-based data engineering/ML libraries ²³ ¹⁰ .

Clients & Partnerships

Anicca's clients span retail, quick-service restaurants (QSR), supply-chain and industrial sectors. Notable engagements include McDonald's (QSR) – Anicca built a **drive-thru vehicle detection** AI system at a leading global fast-food chain ¹⁴ ¹⁵ . Their analytics have been used by a "largest office supplies" retailer (implying Staples/Office Depot) ⁴ . Other industry clients include manufacturing/wholesale distributors (e.g. TriMark USA ³²).

Strategic partnerships bolster Anicca's offerings. It is a **Global Strategic Partner with Microsoft** (leveraging Azure, SQL, etc.) ³³ , and an **Independent Software Vendor (ISV) for Intel** (optimizing solutions on Intel hardware) ³³ . The company also collaborates with academia – for example, teaming up with Texas A&M University on robotics and AI research projects ³⁴ .

In essence, Anicca serves sectors like retail, restaurants (particularly QSRs), supply chain/warehousing, and also engages in smart city/traffic monitoring. Its Microsoft and Intel partnerships indicate strong ties to leading cloud and hardware ecosystems ³³ .

Culture & Values

Anicca emphasizes a collaborative, innovative culture. Its internal values stress **creativity, transparency and integrity**. The careers page describes a team of “visionaries, curious problem solvers” who believe that great AI solutions arise when “strategy and creativity work together” ³⁵ . Employees are said to have “big talent, small egos” and a hunger to learn, lead and grow ³⁶ . The company explicitly prioritizes **people and ethical standards**: it “strives to go beyond the bare minimum” in human-rights, integrating respect and dignity (“People Come First”) into its policies ² . Diversity, equity and inclusion are formally championed in its HR policies – Anicca seeks a workforce that “mirrors the diversity of the communities it serves” and tailors support to individual needs ³⁷ ³⁸ .

Working environment feedback is mixed. An Indeed “What people say” snippet rated the company 5/5 for culture, praising “very good culture” and “lots of PTO” with healthy work-life balance ³⁹ . The employee handbook and public statements emphasize respect, teamwork and innovation ³⁶ ² . However, an anonymous interviewee warned of “lack of stability” and “questionable leadership” as potential issues ⁴⁰ . Candidates should thus do their own due diligence. Overall, Anicca presents itself as a mission-driven, engineering-focused firm where diverse talents collaborate on cutting-edge AI projects ³⁶ ² .

Recent Projects & News

No mainstream press releases are publicly available, but Anicca’s website and blog highlight current projects. For example, their latest blog spotlights an **AI-powered parking lot management system**, which uses vision and analytics to optimize parking-space usage and revenue ⁴¹ . The aforementioned **Drive-Thru Vehicle Detection** system has been deployed at over 100 restaurant locations (primarily in the Chicago area) and uses CV models (YOLO3 object detector + ensemble ML) to automate drive-thru ordering ⁴² ²⁹ . Their “Geo-Deployment” services have enabled global cloud rollouts with Azure/AWS (using Terraform/ARM templates) for high-availability applications ²⁵ ¹⁹ . These project examples underscore Anicca’s focus on applying AI/ML and data engineering to practical enterprise problems.

Hiring Process & Interview Insights

Roles & Skills: Anicca hires for roles like Data Engineer, Software Engineer and DevOps Engineer (both in Bellevue, WA and Bengaluru, India). Job postings emphasize strong skills in C#/.NET and C++, plus scripting (PowerShell, Python) ²³ . Experience with Linux networking/boot, SQL (or MySQL) databases, and large distributed systems is required ²³ . Knowledge of cloud and data tools (Azure DevOps, PowerBI, Kusto/Azure Data Explorer, Cosmos DB, etc.) is explicitly listed ²³ ²⁴ . In practice, candidates should be prepared for technical questions on these areas (e.g. designing ETL pipelines, database schemas, or CI/CD workflows).

Interview Rounds: According to candidate reports, the process typically includes a coding/technical round (often with a live or take-home coding test) and an HR/personal interview. The Indeed Q&A indicates interviews usually occur quickly after applying (often within ~2 weeks) ⁴³ . Although precise questions are

unpublished, one Glassdoor snippet suggests problem-solving and programming questions (e.g. sorting objects by properties in C#) have appeared. Given the tech requirements, expect questions on algorithms (in C#/C++/Python), SQL queries, system design for distributed apps, and possibly Linux networking.

Compensation & Culture Fit: Reported salaries (per Indeed data) range roughly from \ \$82K/year for Data Engineer up to \ \$190K for senior data roles ⁴⁴. Benefits reportedly include paid time off and 401(k) match. Engineers who thrive here often value a small-company, entrepreneurial environment; interview prep should demonstrate not only technical expertise but also initiative and adaptability. (One employee review advised new hires to “research thoroughly” due to some concerns about company stability ⁴⁰, so candidates may inquire politely about team structure and product roadmaps during HR rounds.)

Useful Insights: Review and prepare code samples in C#, practice database queries, and be ready to discuss any past AI/ML or data platform projects you’ve done. Familiarity with Azure/AWS services and DevOps tools will stand out, given Anicca’s cloud-centric work. Networking with current or former employees (via LinkedIn) could provide additional insight into the team and interview style.

Sources: Company website and LinkedIn profiles ¹ ⁴⁵ ²³; Indeed/Glassdoor user reviews and Q&As ⁴⁴ ⁴⁰; Anicca’s online product pages (for services descriptions) ¹⁶ ¹² ¹⁴. These sources were used to compile this report.

¹ ⁵ Tarak Woddi - Founder at Anicca Data | The Org

<https://theorg.com/org/anicca-data/org-chart/tarak-woddi>

² Commitment to Human rights | Anicca Data

<https://www.aniccadata.com/commitment-to-human-rights>

³ ⁷ About Us | Anicca Data

<https://www.aniccadata.com/about>

⁴ ⁶ ⁹ ⁴⁵ Anicca Data Science Solutions | LinkedIn

<https://www.linkedin.com/company/aniccadata>

⁸ ¹¹ ¹² Anicca Supply Chain Management | Anicca Data

<https://www.aniccadata.com/anicca-supply-chain>

¹⁰ ²⁷ ²⁸ ³² Data Engineering and Management | Anicca Data

<https://www.aniccadata.com/data-engineering>

¹³ ³³ ³⁴ Home | Anicca Data Science Solutions

<https://www.aniccadata.com/>

¹⁴ ¹⁵ ²⁹ ³⁰ ⁴² Drive-Thru Vehicle Detection | Anicca Data

<https://www.aniccadata.com/evd>

¹⁶ Anicca Diagnostic Robotic Solutions | Anicca Data

<https://www.aniccadata.com/aniccadiagnosticsroboticsolutions>

¹⁷ ¹⁸ Edge Computing | Anicca Data

<https://www.aniccadata.com/edge-computing>

19 24 25 26 **Geo-Deployment | Anicca Data**

<https://www.aniccadata.com/geo-deployments>

20 21 22 **Point of Sale | Anicca Data**

<https://www.aniccadata.com/pos>

23 **Anicca Data Science Solutions hiring Software Engineer in Bellevue, WA | LinkedIn**

<https://www.linkedin.com/jobs/view/software-engineer-at-anicca-data-science-solutions-4224929078>

31 **Anicca Vision | Anicca Data**

<https://www.aniccadata.com/aniccavision>

35 36 **Careers | Anicca Data**

<https://www.aniccadata.com/careers>

37 38 **Diversity, Equality, and Inclusion | Anicca Data**

<https://www.aniccadata.com/diversityequalityandinclusion>

39 44 **How much do Anicca Data Science Solutions Software Development jobs pay in Washington State? | Indeed.com**

https://www.indeed.com/cmp/anicca-data-science-solutions/salaries?job_category=techsoftware&location=us%2Fwa

40 **Questions and Answers about Anicca Data Science Solutions Interviews | Indeed.com**

<https://www.indeed.com/cmp/Anicca-Data-Science-Solutions/faq/interviews>

41 **Blogs | Anicca Data**

<https://www.aniccadata.com/aniccasmartparkingblog>

43 **Questions and Answers about Anicca Data Science Solutions Hiring Process | Indeed.com**

<https://www.indeed.com/cmp/Anicca-Data-Science-Solutions/faq/hiring-process>