



# MinervaDB: Full-Stack Database Infrastructure Engineering and Operations Solutions

## 1 Who We Are

Founded by Database Systems Experts with decades of combined experience, MinervaDB serves as your trusted partner for all database challenges. Our team of certified specialists excels in PostgreSQL, MySQL, MariaDB, MongoDB, ClickHouse, Redis, and numerous other technologies, providing both deep technical knowledge and strategic business insights. With a global presence and 24/7 operations, we've successfully delivered over 500 database projects across 30+ countries, establishing ourselves as a premier database engineering and consulting firm.

## 2 Our Comprehensive Services

At MinervaDB, we understand that database performance directly impacts your business efficiency and customer experience. We offer comprehensive services including database architecture design, performance optimization, migration assistance, high availability setup, security auditing, and ongoing maintenance. Our proactive monitoring solutions prevent potential issues before they affect your operations.

## 3 The MinervaDB Difference

What sets us apart is our commitment to developing customized solutions tailored to your specific business needs. Whether you're a startup scaling your first database or an enterprise managing complex multi-region deployments, our experts work closely with your team to implement best practices while transferring knowledge. We pride ourselves on rapid response times, transparent communication, and delivering measurable results that enhance your database reliability, security, and performance.

## 4 Our Client Success

Our clients span diverse industries including finance, healthcare, e-commerce, gaming, and SaaS providers. They consistently report significant improvements in database performance, reduced downtime, and lower operational costs after implementing our recommendations. Partner with MinervaDB to transform your database infrastructure from a potential bottleneck into a competitive advantage.



# Who We Are

## Boutique Specialists

Elite database infrastructure experts delivering customized solutions precisely aligned with your unique requirements. Unlike larger consulting firms, we provide tailored services with dedicated focus on your specific database challenges and business goals.

Our boutique approach ensures agility, responsiveness, and complete commitment to your success. We cultivate enduring partnerships rather than transactional relationships, developing a comprehensive understanding of your technology ecosystem and strategic objectives over time.

## Strategic Location

Headquartered in the San Francisco Bay Area with a distributed global team providing comprehensive timezone coverage and localized support. Our presence across North America, Europe, and Asia enables seamless 24/7 service regardless of your operational base.

This strategic geographical distribution allows us to harness diverse talent and maintain continuous operational readiness. Our team members understand regional business practices and compliance requirements, delivering culturally-attuned support that aligns with local standards while implementing global best practices.

## Established Excellence

Since our founding in 2015, we've established an unparalleled reputation for database expertise and client satisfaction worldwide. Our portfolio includes transformative projects for Fortune 500 corporations, innovative startups, and mid-market enterprises seeking superior database performance and reliability.

We maintain a remarkable 95% client retention rate, with the majority of our business generated through repeat engagements and referrals. Our dedication to excellence has earned industry recognition and strategic partnerships with leading database technology providers, cementing MinervaDB's position as the definitive authority in database infrastructure engineering.

## Expert Team

Our consultants bring an average of 15+ years of specialized database experience spanning traditional relational systems, NoSQL architectures, and cutting-edge vector databases. We uphold stringent certification standards and continuous education programs, ensuring our team remains at the forefront of database innovation.

Each MinervaDB consultant undergoes rigorous proprietary training beyond industry certifications, developing exceptional proficiency in performance optimization, security hardening, and high-availability architectures. Our team features recognized authors, conference speakers, and open-source contributors who actively advance the database community's collective knowledge and capabilities.



# Our Mission

## Our Core Purpose

Our mission drives everything we do at MinervaDB. We're committed to delivering database infrastructure that doesn't just meet technical requirements but also aligns perfectly with business objectives and growth strategies. By combining deep technical expertise with business acumen, we help organizations of all sizes transform their data management capabilities into a genuine competitive advantage.

## Client Success as Our Metric

Ultimately, our success is measured by yours. We take pride in seeing our clients achieve operational excellence, accelerate time-to-market, reduce total cost of ownership, and unlock new business opportunities through robust, high-performing database infrastructure. This client-focused definition of success guides our every decision and recommendation as we partner with you to build data solutions that truly matter.

### Enterprise Success

Enabling business growth through reliable data infrastructure

### Customer-Centric Approach

Tailoring solutions to your specific business requirements

### Optimal Database Infrastructure

Secure, scalable, and reliable solutions for any workload

## Technology as an Enabler

At the core of our philosophy is the belief that database technology should serve as an enabler rather than a constraint. Whether you're facing challenges with performance bottlenecks, scalability limitations, security vulnerabilities, or cloud migration complexities, our team is dedicated to providing solutions that address both immediate needs and long-term vision.

## Building Lasting Partnerships

We recognize that each organization has unique data challenges and objectives. This understanding fuels our commitment to collaborative partnerships rather than transactional relationships. Our consultants work alongside your team, transferring knowledge and building capabilities that empower your organization to maximize the value of its data assets long after our engagement concludes.

## Designing for Tomorrow

Sustainability and future-readiness form essential pillars of our approach. We design database architectures that not only solve today's problems but anticipate tomorrow's challenges. Through careful planning, thoughtful implementation, and continuous optimization, we help clients build data foundations that support innovation, adapt to changing requirements, and deliver consistent performance under evolving business conditions.



# Service Overview

## 24x7 Consultative Support

Our round-the-clock support ensures your database infrastructure remains operational at all times. Our consultative approach means we don't just fix issues—we identify root causes and implement permanent solutions. With global teams strategically positioned across time zones, we provide seamless coverage and rapid response times measured in minutes, not hours. Each support incident is documented and analyzed to prevent future occurrences and continuously improve your systems.

## Remote DBA Services

Our Remote DBA team becomes an extension of your organization, handling everything from routine maintenance to complex performance tuning and emergency response. We proactively monitor your database environments, implement best practices for backups and high availability, and manage capacity planning to prevent resource constraints. This allows your internal team to focus on core business initiatives while ensuring your data infrastructure operates at peak efficiency with significantly reduced operational overhead.

## Strategic Consulting

Our expert consultants help you develop database strategies that align with your business objectives. From architecture design to migration planning, we provide guidance that optimizes your data infrastructure. We conduct thorough assessments of your current environment, identify opportunities for improvement, and create roadmaps for technological advancement. Our consulting services bridge the gap between technical requirements and business outcomes, ensuring your database investments deliver measurable ROI and competitive advantage.

## Performance Optimization

We diagnose and resolve performance bottlenecks through comprehensive analysis of query patterns, execution plans, and resource utilization. Our methodical approach includes workload characterization, query optimization, index strategy refinement, and system configuration tuning. We implement targeted improvements that can reduce response times by up to 90% and drastically lower resource consumption. Our optimization services extend to both transactional and analytical workloads, ensuring consistent performance across your entire database ecosystem.

## Database Security & Compliance

Our security services include vulnerability assessments, access control implementation, encryption strategies, and compliance auditing for regulations such as GDPR, HIPAA, and PCI-DSS. We implement defense-in-depth measures to protect your data assets from both external threats and internal risks. Our compliance framework ensures continuous adherence to evolving regulatory requirements through regular audits, documentation, and remediation services. We also provide security training for your team to promote a culture of data protection across your organization.



# Supported Technologies

## PostgreSQL

Enterprise-grade object-relational database system with over 30 years of active development and a proven architecture that excels in data integrity and reliability. We provide comprehensive consulting, tuning, and management services for PostgreSQL environments of all sizes, from startups to Fortune 500 companies. Our expertise includes complex replication setups, point-in-time recovery, logical replication, partitioning strategies, and integration with cloud ecosystems like AWS RDS and Aurora.

## MongoDB

Leading NoSQL document database designed for scalability and developer agility with flexible schema design and intuitive JSON-like documents. We specialize in MongoDB cluster architecture, sharding strategies, and performance tuning for optimal operation. Our services include index optimization, aggregation pipeline development, data modeling best practices, and MongoDB Atlas management. We help organizations leverage MongoDB's capabilities for microservices, content management, IoT applications, and real-time analytics use cases.

Our technology-agnostic approach ensures we recommend the right database solution for your specific needs, whether open-source or cloud-based. We maintain deep expertise across the full spectrum of database technologies to provide truly vendor-neutral guidance and solutions tailored to your business objectives. Our consultants average 15+ years of experience with diverse database platforms and continuously update their skills through rigorous certification programs and hands-on project work. We pride ourselves on delivering pragmatic, cost-effective solutions that balance performance, scalability, and operational simplicity.

Contact us at [contact@minervadb.com](mailto:contact@minervadb.com) or reach out directly to our Founder and CEO, Shiv Iyer, at [shiv@minervadb.com](mailto:shiv@minervadb.com) to discuss how we can optimize your database infrastructure and unlock new capabilities for your organization.

## MySQL & MariaDB

The world's most popular open-source relational databases powering millions of applications globally. Our expertise covers advanced configuration, performance optimization, high availability setups, and security hardening for critical MySQL and MariaDB deployments. We specialize in Group Replication, ProxySQL implementation, InnoDB tuning, query optimization, and seamless migration paths between versions. Our team has extensive experience with both community and enterprise editions to meet diverse business requirements.

## ClickHouse, Trino, Redis & More

Specialized expertise in columnar analytics engines like ClickHouse for real-time data processing, distributed SQL query engines such as Trino (formerly Presto) for multi-source analytics, in-memory data stores like Redis for caching and messaging, and vector databases for AI/ML applications. We also support Cassandra for wide-column storage, Elasticsearch for search capabilities, TimescaleDB for time-series workloads, and CockroachDB for distributed SQL needs. Our team stays at the forefront of emerging database technologies to support your innovative projects.