



IDC

International Development Company LLC

INTERNATIONAL DEVELOPMENT COMPANY L.L.C

Application Development

About IDC

- IDC operates in the oil, gas, power & water, petrochemical and project construction sectors, delivering services, equipment and know-how with globally leading (more than 100+) partner companies



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YEARS OF EXISTENCE

IDC is an Abu Dhabi based, well-established company with 4 decades of standing relationship with ADNOC group going back to its inception 43 years ago in 1978

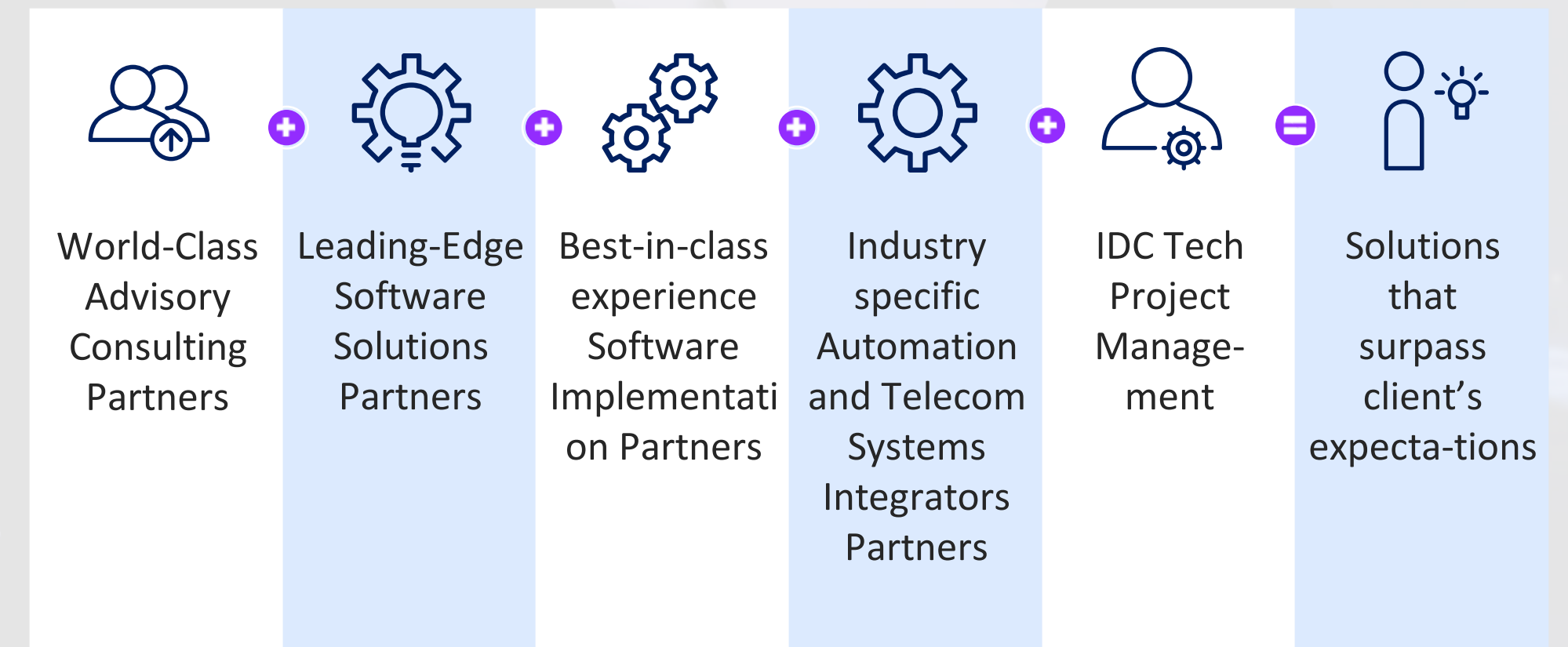
Brief about IDC:

- IDC is known to consistently deliver on its commitments to its clients and principals, and as such, have an unsurpassed track record of excellence as service providers, equipment suppliers, companies' representatives, and project development entity.
- Now with its IDC Technology and Professional Services unit – IDC Tech IDC has diversified into innovative technology services. IDC is committed to bringing the innovative technology product and solutions to the UAE market along with the implementation capabilities directly or with the help of leading partners.



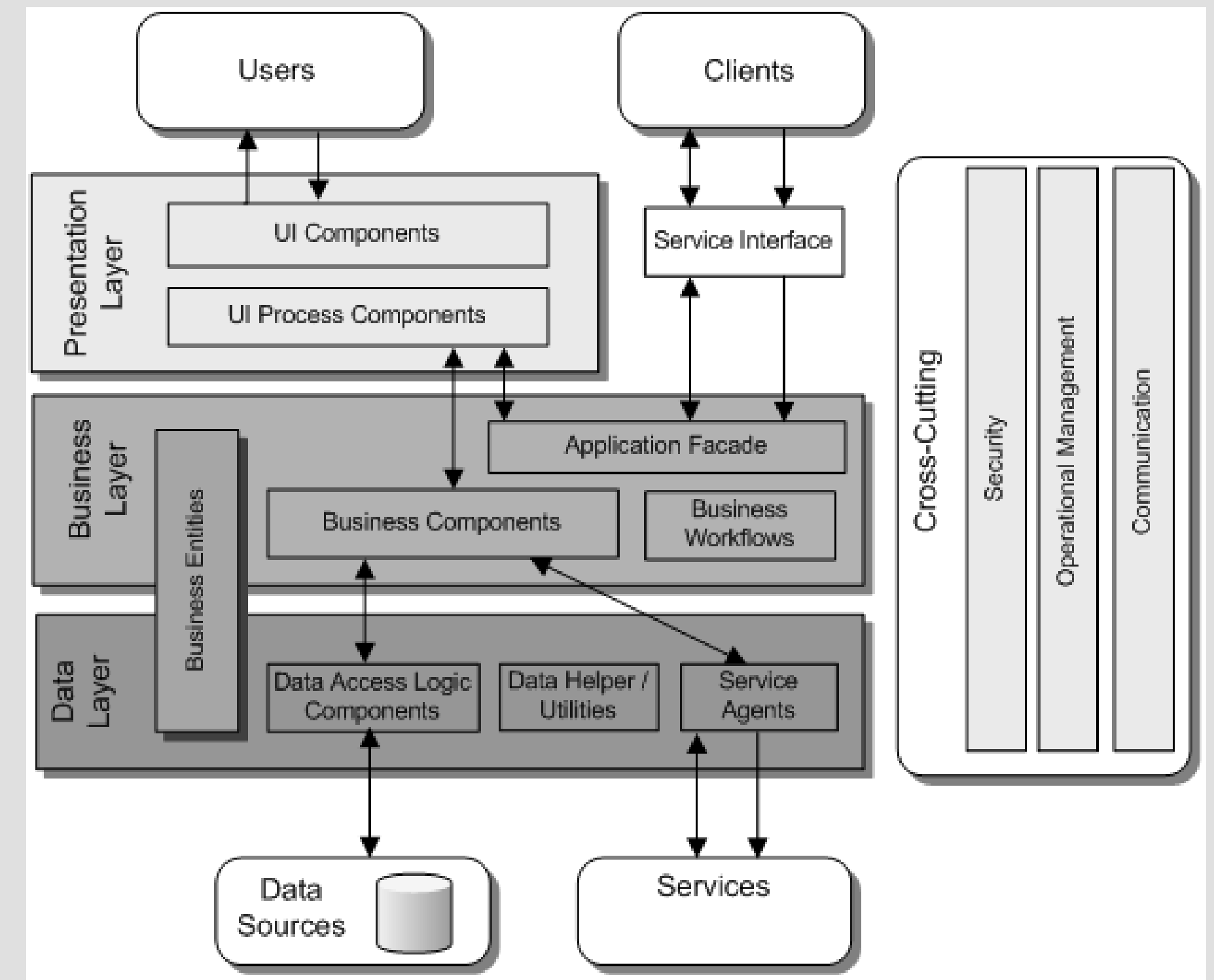
IDC Tech business model

- We have unique capabilities in partnering with cutting edge IT solution providers, access world class specialists and having established partnership with automation and telecom engineering and engineering Service providers
- We undertake challenging Industry oriented digital transformation journeys no matter how complex these are.
- We are in a unique position - due to our deep client relationships and indigenous industry expertise - to undertake pursuits in the areas of Digital Oil Fields, Oil and Gas Production Systems Optimization and Industrial Internet of Things projects, Digital Twins, etc...



About Application Development Project

- The Application development can serve a wide range of purposes depending on the goals and needs of the organization or individual undertaking the project. In this document we will be share some of thing that Application Development can do.
- Also the Application development can utilize a wide range of technologies depending on the goals of the project, the type of application being developed, and the target platforms. In this document we will be share some of technologies that can be used in application development projects, along with the types of projects they are typically applied to.



Application Development Capabilities



1.Streamline Business Processes: Applications can automate tasks and optimize workflows, helping businesses save time and resources.

2.Enhance User Experience: Applications can be designed to improve the experience of customers, clients, or users, making it easier for them to interact with the business or service.

3.Improve Communication and Collaboration: Applications can facilitate better communication and collaboration among teams within an organization or between the organization and its clients.

4.Provide Analytics and Insights: Applications can collect and analyze data to offer insights that help with decision-making and strategic planning.

5.Offer New Services or Features: Developing an application can enable a business to offer new products or services to its customers, expanding its offerings.

6.Enhance Customer Engagement and Retention: Applications can engage customers with personalized content, offers, or communications, potentially leading to increased customer loyalty.



Application Development Capabilities



- 7. Create New Revenue Streams:** Some applications can be monetized directly, such as through in-app purchases, subscriptions, or ads, providing new sources of revenue.
- 8. Support Mobility and Remote Work:** Applications can enable employees to work remotely and access company systems from anywhere, increasing flexibility.
- 9. Integrate with Other Systems:** Applications can be designed to integrate with existing systems or third-party services, creating a more seamless experience.
- 10. Meet Compliance and Security Requirements:** Applications can be built to meet regulatory standards and security requirements to ensure the safety and privacy of data.
- 11. Offer a Competitive Edge:** Developing a unique and innovative application can give a business an advantage over competitors.
- 12. Foster Innovation:** Application development can push the boundaries of what's possible and enable organizations to experiment with new ideas and approaches.



Application Development Technologies

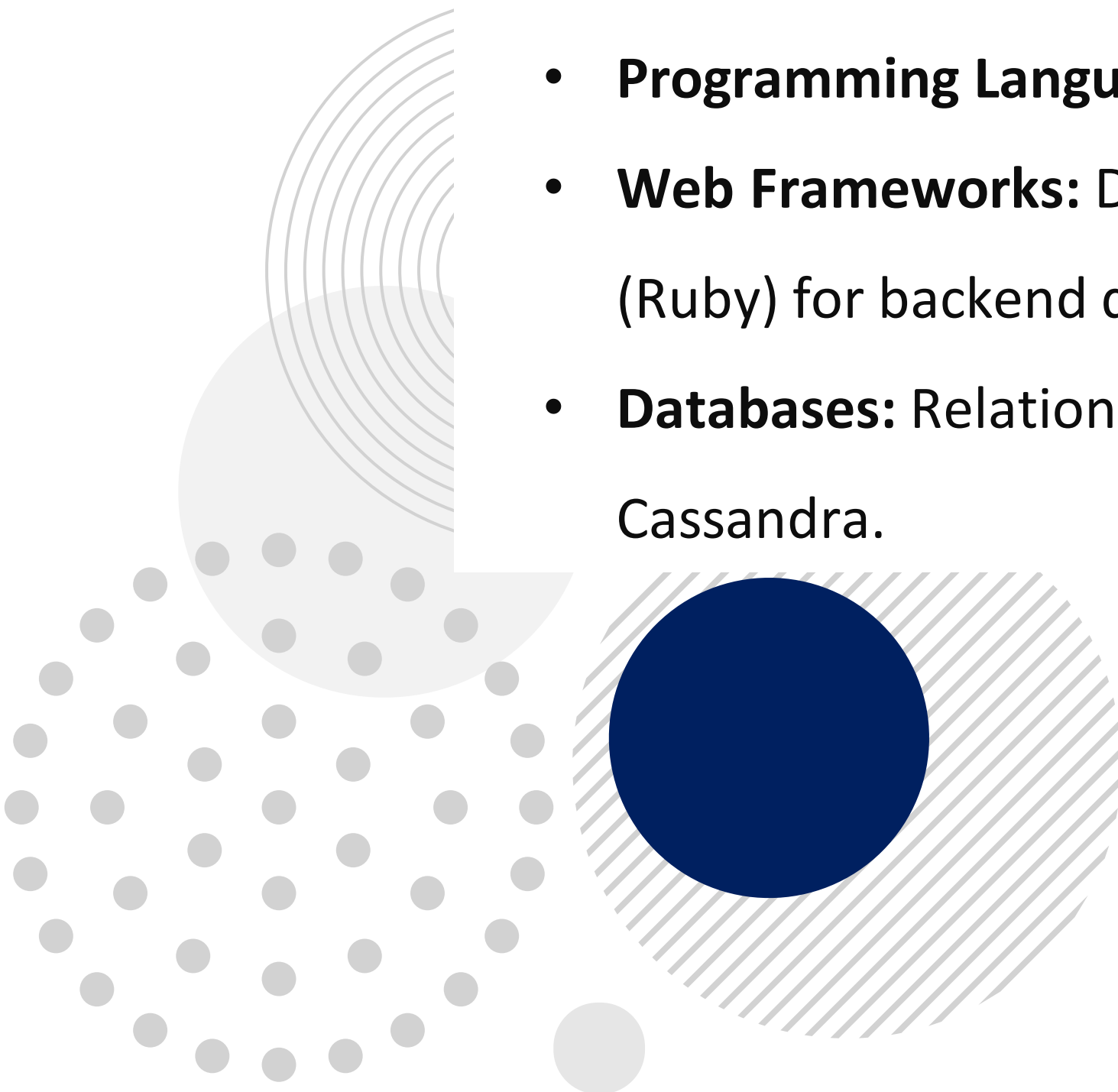


1. Frontend Technologies:

- **HTML, CSS, and JavaScript:** Core technologies for building the user interface of web applications.
- **Frontend Frameworks:** Such as React, Angular, and Vue.js, these help streamline and organize frontend development.
- **Web Components:** Custom elements that can be reused across projects for better modularization.

2. Backend Technologies:

- **Programming Languages:** Such as Python, Node.js (JavaScript), Ruby, Java, or PHP for server-side logic.
- **Web Frameworks:** Django (Python), Flask (Python), Express (Node.js), Spring Boot (Java), Ruby on Rails (Ruby) for backend development.
- **Databases:** Relational databases like MySQL and PostgreSQL, and NoSQL databases like MongoDB and Cassandra.



Application Development Technologies

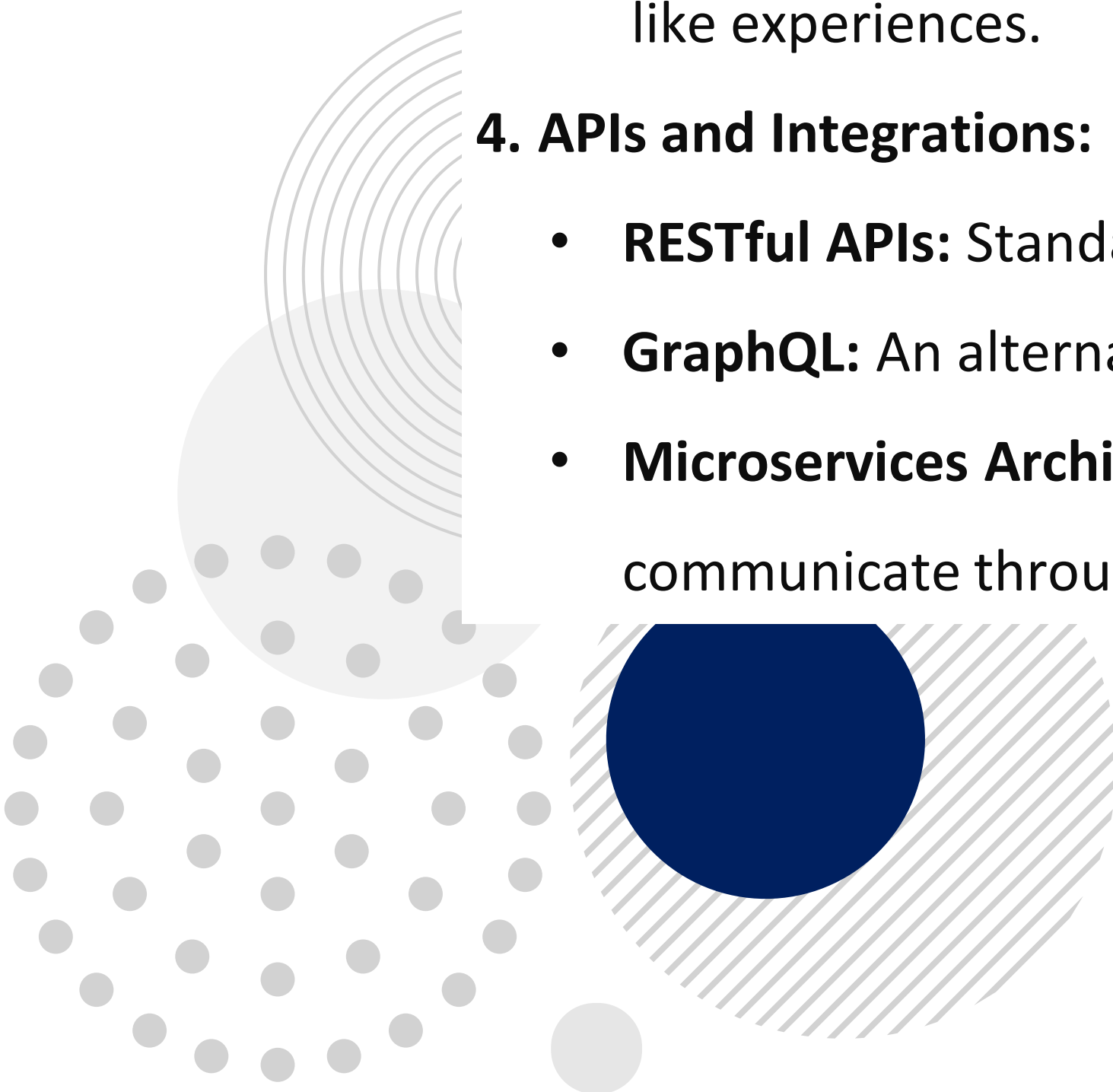


3. Mobile App Development:

- **Native Development:** Swift (iOS) and Kotlin or Java (Android) for building apps natively.
- **Cross-Platform Frameworks:** React Native, Flutter, and Xamarin enable developers to create apps for both iOS and Android from a single codebase.
- **Progressive Web Apps (PWAs):** Leveraging web technologies to build web applications that offer native app-like experiences.

4. APIs and Integrations:

- **RESTful APIs:** Standard for backend and third-party service integrations.
- **GraphQL:** An alternative to REST, offering more flexible querying and data fetching.
- **Microservices Architecture:** Breaking down large applications into smaller, modular services that communicate through APIs.



Application Development Technologies

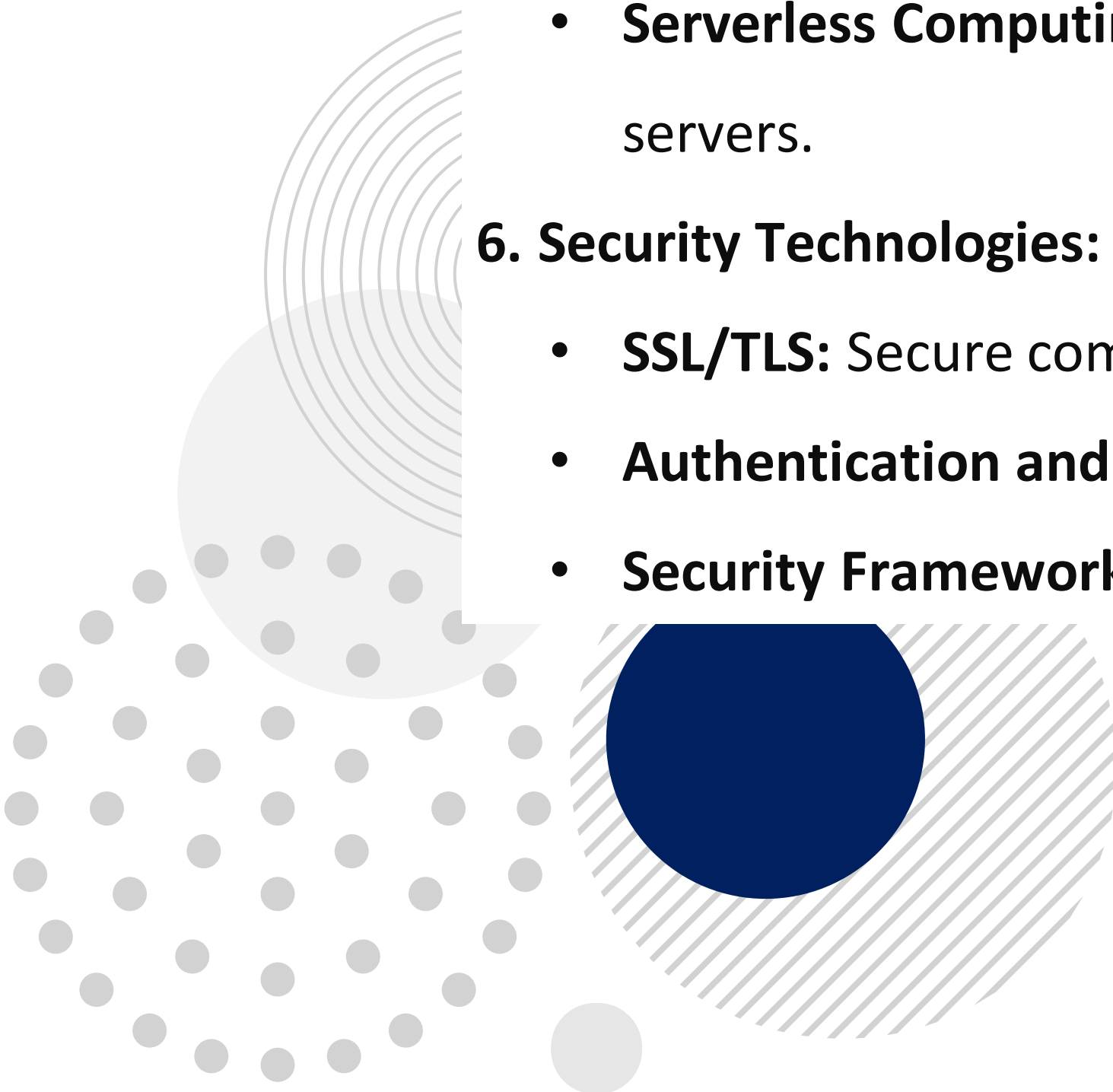


5. Cloud Technologies:

- **Cloud Providers:** AWS, Azure, Google Cloud Platform (GCP) offer infrastructure, databases, storage, and services.
- **Containerization:** Docker and Kubernetes for deploying applications in consistent environments across different systems.
- **Serverless Computing:** AWS Lambda and Azure Functions allow developers to run code without managing servers.

6. Security Technologies:

- **SSL/TLS:** Secure communication protocols for encrypting data in transit.
- **Authentication and Authorization:** OAuth, OpenID Connect, and JWT for secure user management.
- **Security Frameworks:** OWASP recommendations and security-focused libraries for securing applications.



Application Development Technologies

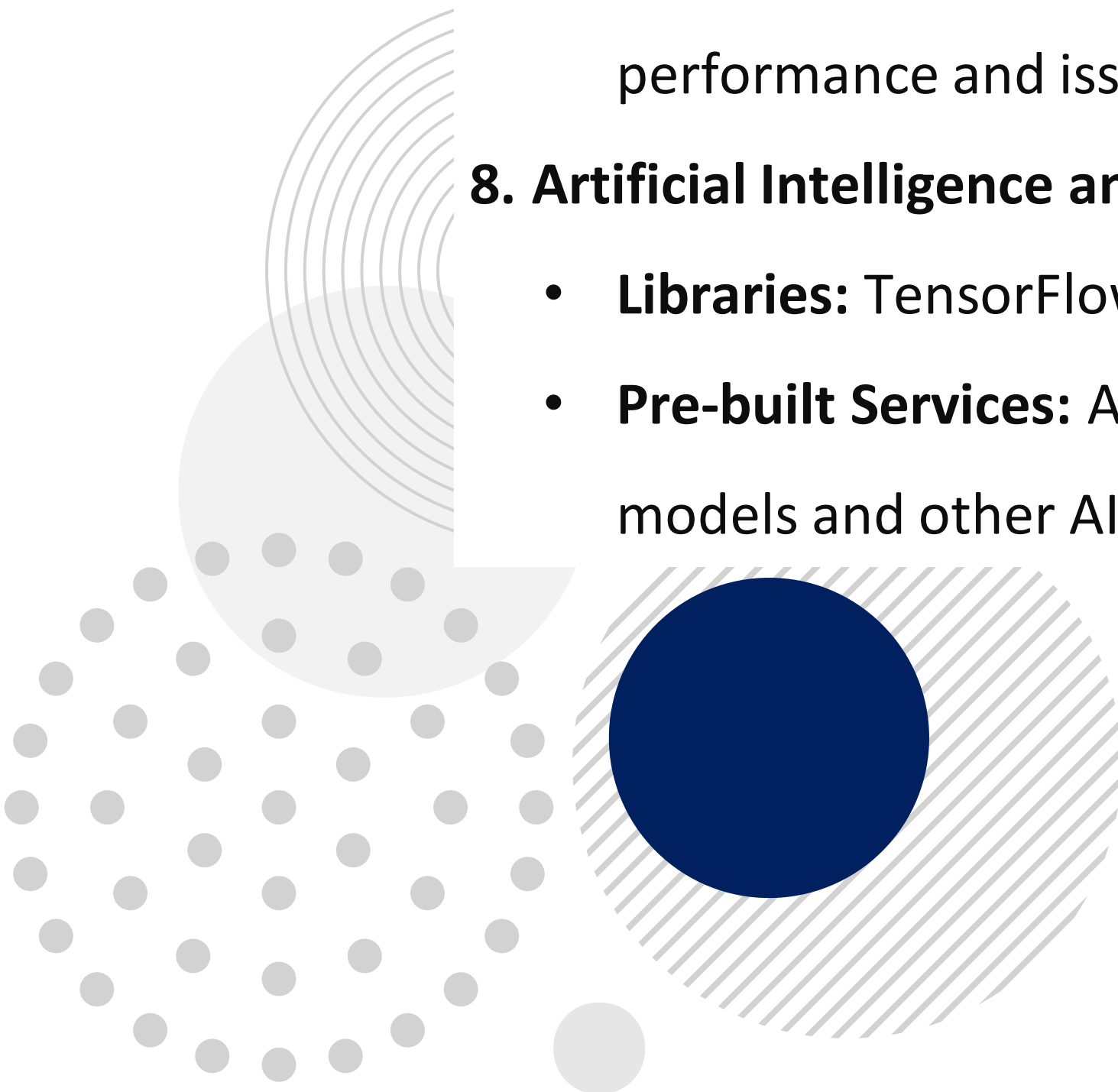


7. DevOps and CI/CD:

- **Version Control:** Git and GitHub for source code management.
- **Continuous Integration/Continuous Deployment (CI/CD):** Jenkins, GitLab CI/CD, and GitHub Actions for automating testing and deployment.
- **Monitoring and Logging:** Tools like Prometheus, Grafana, and ELK Stack for monitoring application performance and issues.

8. Artificial Intelligence and Machine Learning:

- **Libraries:** TensorFlow, PyTorch, scikit-learn for integrating AI and ML features.
- **Pre-built Services:** AWS SageMaker, Google AI Platform, and Azure Machine Learning for utilizing pre-trained models and other AI services.



THANK YOU



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