

With a vast expertise in cutting-edge technologies, Astreya's software engineers deliver innovation at scale by streamlining processes and accelerating timelines. No challenge is too great, and we deliver high-quality, competitively differentiated solutions with efficiency.



# SOFTWARE ENGINEERING



## Astreya gives you the power to turn software innovation into market differentiation.

The competitive nature of the software engineering industry and the challenges of finding and hiring top talent make it difficult for companies to assemble and maintain a team of highly qualified professionals. This is where Astreya can help. With our deep and global resources, Astreya provides immediate access to our pool of highly qualified engineers with a wide range of expertise. This enables you to leverage a team of top software engineering talent, even in highly specialized areas where finding qualified professionals can be especially challenging. Astreya offers a powerful solution to your software engineering requirements, enabling you to quickly realize your goals while optimally allocating resources.

“Astreya has been one of our best IT partners to date. Astreya provides contract flexibility, scalability, and partnership. Astreya employees have a high sense of accountability and are technically astute.”

Senior Client Stakeholder  
Fortune-10 Technology Product



**Agile Methodologies**

- Adopt Agile methodologies such as Scrum, Kanban, and Lean
- Achieve faster time-to-market and reduce costs
- Improve the quality of the final product



**DevOps Implementation**

- Implement DevOps practices such as Continuous Integration and Continuous Delivery
- Automate the software development lifecycle
- Reduce the time and effort required to deploy new features and updates



**Cloud-Native Architecture**

- Focus on Cloud-Native architecture
- Design software systems to run on cloud infrastructure
- Take advantage of scalability, flexibility, and cost-effectiveness of cloud computing

Whether improving existing products or creating new ones, Astreya’s services can help you bring your ideas to fruition faster and more efficiently.



## Digital Experience (Web & Mobile)

Designing the right digital experience is crucial for business success. A well-designed user experience can improve customer satisfaction and drive growth, while a poorly designed one can lead to frustration and lost opportunities. Astreya ensures that you’re investing in the right architecture and design to meet your needs and support critical business goals. Some of our Digital Experience Services include:

- Front-end & Back-end Development
- UI/UX Engineering
- Personas & Experience Journey Mapping
- Headless Dashboarding
- COTS Customization
- Extreme Programming



## Digital Integration

At Astreya, we leverage our expertise in technology integration to tailor solutions that empower your business to reach beyond the boundaries of complexity. Our global network offers an end-to-end range of services – from advisory and implementation assistance for seamless operational execution, all the way through system support with a focus on value delivery. Some of our Digital Integration Services include:

- API Strategy & Development
- API Management and Monitoring
- Next Generation Integrations
- API Testing and Deployment
- API Analytics



## Cloud Center of Excellence (COE)

Astreya’s expertise in cloud technologies allows us to continuously assess and optimize your cloud infrastructure, leveraging the latest tools and best practices to drive innovation and deliver value.

Whether implementing a new cloud solution or optimizing an existing one, Astreya’s team consistently delivers exceptional results. Some of our Cloud Center of Excellence Services include:

- Site Reliability Engineering
- Performance Engineering
- DevSecOps
- Infra Provisioning
- Infrastructure-as-a-Code
- Automation Testing



## Quality & Reliability

Astreya follows rigorous quality control processes and leverages proven frameworks to ensure the reliability and performance of their software and solutions. From design and development to testing and deployment, Astreya’s team employs industry-leading practices to deliver high-quality products that meet the needs and expectations of their clients. Some of our Managed Data and Analytics Services include:

- Site Reliability Engineering
- Performance Engineering
- DevSecOps
- Infra Provisioning
- Infrastructure-as-a-Code
- Automation Testing



## Hyper-Automation

Astreya is at the forefront of developing innovative approaches to operationalize advanced hyper-automation solutions, using best practices and technologies to drive efficiency and effectiveness. Whether implementing new automation tools or optimizing existing ones, Astreya’s team is dedicated to harnessing the power of hyper-automation to transform your business. Some of our Hyper-Automation Services include:

- CoE Strategy & Setup
- Robotic Process Automation
- Low-code/No-code App Platforms
- Scripting Frameworks
- AI/ML based Decision Mgmt. System
- Bot Monitoring

## The new framework for developing modern business applications.

Hyper-efficiency is the new framework for developing modern business applications that are designed to meet the needs of today's fast-paced and competitive business environment.

By leveraging advanced technologies and best practices, Astreya's Software Engineering Team can dramatically speed up the development process and reduce the time-to-market for new applications. In contrast to legacy approaches, hyper-efficiency allows companies to rapidly prototype and iterate on ideas, delivering value to customers faster and more efficiently.



We are honored to support some of the world's most recognizable and innovative organizations.\*



\*Fortune 10 company names available upon request.

### About Astreya

Astreya, a leader in managed services for two decades, offers innovative and reliable IT solutions to the world's most recognizable companies. Our expert team of engineers craft tailored service plans that drive operational efficiency while transforming technology into an engine for growth and innovation within your organization - because excellence is always our promise.

We're looking forward to hearing from you. To further understand how Astreya's Global Audio Visual solutions can work for your organization, contact us today by calling 1-800-224-1117 or email us at [sales@astreya.com](mailto:sales@astreya.com).

