

Fission Labs

Comprehensive Company Document

Generated: October 18, 2025

Executive Summary

Fission Labs is a pioneering software development and technology consulting firm that specializes in delivering cutting-edge AI/ML solutions, cloud engineering, and data analytics services to clients worldwide. Founded in 2008 with a simple aim to leverage engineering capabilities and help startups overcome technological challenges, the company has evolved into a powerhouse of 350+ seasoned engineers serving global clientele across multiple continents.

The company's revenue for 2025 is estimated at \$85.3 million, reflecting steady growth and strong market positioning in the competitive technology services landscape. Fission Labs has established itself as an AWS Advanced Tier Services Partner and Databricks Registered System Integrator, demonstrating deep expertise in cloud computing and big data technologies.

Fission Labs' strategic focus centers around Generative AI transformation, cloud-native solutions, data engineering excellence, and building high-performance teams. The company's "Great Place to Work" certification underscores its commitment to fostering a culture of innovation, integrity, and employee development. With offices in Sunnyvale (California), Dallas (Texas), Hyderabad, and Vijayawada (India), Fission Labs maintains a global footprint while serving clients ranging from Fortune 500 enterprises to emerging startups.

The company's long-term priorities align with emerging technology trends: AI-first solutions, scalable cloud architectures, real-time data processing, and sustainable digital transformation—all guided by the mission to create harmony between business processes and underlying technologies.

1. Company Overview & Strategic Vision

Fission Labs was established in 2008 by three technology veterans—Eswar Lingam, Kishore Poreddy, and Surendra Mallampati—who shared a vision of building a company that could bridge the gap between cutting-edge technology and business value. The company's founding principle was straightforward: leverage deep engineering expertise to help startups and enterprises overcome complex technological challenges.

Mission Statement:

"We harness AI-led innovation and engineering excellence to create symphony between business processes and underlying technologies."

Company Tagline:

"High Performance People, High Performance Products"

Business Model

Fission Labs operates as a full-service technology partner, offering end-to-end solutions from ideation to deployment and support. The company follows multiple engagement models including project-based delivery, dedicated offshore development centers (ODC), staff augmentation, and long-term strategic partnerships. This flexibility allows clients to scale their technology capabilities without the overhead of building in-house teams.

Core Business Segments

- **Cloud Engineering & DevOps:** Comprehensive cloud migration, architecture design, and optimization services across AWS, Azure, and GCP platforms.
- **AI & Machine Learning:** Custom AI/ML solutions including generative AI, NLP, computer vision, and predictive analytics.
- **Data Engineering:** Big data pipelines, data warehousing, real-time analytics, and business intelligence solutions.
- **Product Development:** Full-stack web and mobile application development using modern frameworks and methodologies.

- **Quality Assurance:** Comprehensive testing services including automation, performance, and security testing.
- **Specialized Consulting:** Salesforce, ServiceNow, and HealthTech/MedTech implementations.

Strategic Highlights

- Achieved AWS Generative AI Software Competency Partner status in 2024/2025
- Expanded from startup-focused services to serving Fortune 500 enterprises
- Built 350+ member engineering team with expertise across 6 continents
- Completed 150+ successful projects supporting 130M+ end users
- Achieved "Great Place to Work" certification, demonstrating cultural excellence
- Established strategic partnerships with AWS, Databricks, Microsoft, and Google Cloud

2. Financial Performance

\$85.3M

Estimated Revenue (2025)

350+

Engineers

150+

Projects Completed

19%

YoY Growth Rate

Financial Overview

Metric	Value/Range	Notes
Annual Revenue (2025 Est.)	\$85.3 million	RocketReach estimate
Revenue Range	\$50M - \$100M	Industry estimates
Employee Count (Jan 2023)	292 employees	Official data
Current Team Size	350+ engineers	Company website

YoY Growth Rate	19.0%	Jan 2022 to Jan 2023
Hourly Rate	\$25-\$70/hour	Standard range: \$30-\$70
Minimum Project Size	\$5,000+	Entry-level engagement

Funding History

Fission Labs operated as a bootstrapped company for the majority of its 17-year history, demonstrating sustainable organic growth and profitability. In October 2024, the company raised \$1.6 million in pre-Seed funding led by SALT Fund and Kraynos Capital, with participation from notable investor Anthony Scaramucci. This strategic funding round positions the company for accelerated growth in emerging technology areas, particularly Generative AI and enterprise AI solutions.

Key Financial Trends

- **Organic Growth Model:** Successfully scaled from startup to mid-sized enterprise without significant external funding for 16 years
- **Diverse Revenue Streams:** Balanced portfolio across cloud services, AI/ML projects, product development, and consulting
- **Geographic Diversification:** Revenue generated from North America (primary), Europe, and Asia-Pacific markets
- **Client Retention:** Strong focus on long-term partnerships with clients like Clouticity, Astound, and Johnson & Johnson
- **Investment in Innovation:** Continuous reinvestment in AI/ML capabilities and cloud certifications

Company Classification

SIC Code: 73, 737 (Computer Programming, Software, and Data Processing Services)

NAICS Code: 54, 541, 5415, 54151, 541511 (Custom Computer Programming Services)

3. Leadership & Founders

Co-Founders

Eswar Lingam - Co-Founder & CEO

Education: MS in Statistics and Computer Science from Marquette University

Experience: Over 20 years in driving digital transformation and technology leadership

Background: Customer-involved entrepreneur with proven executive management track record. Previously co-founded Gongoora and worked at GE Healthcare as a software engineer. Eswar brings a unique blend of technical expertise and business acumen, focusing on aligning technology solutions with client business objectives.

Leadership Focus: Strategic vision, client relationships, and overall company direction

Kishore Poreddy - Co-Founder

Education: BS in Biomedical Engineering and Bachelor of Law (LLB) from Osmania University

Experience: Over 20 years in the technology industry

Expertise: Excels at resonating with clients' end business goals and translating business requirements into technical scope and deliverables. His unique combination of engineering and legal education enables him to navigate complex client relationships and contractual frameworks.

Leadership Focus: Business development, client engagement, and strategic partnerships

Mallampati Surendra Babu Venkata (Surendra Mallampati) - Co-Founder & CTO

Experience: 20+ years of industry experience across multiple technology domains

Role: Wears multiple hats at Fission Labs; leads the engineering team and sets technical direction

Achievement: Pioneered digital transformation across various technology verticals including AI/ML, Data Engineering, Cloud Solutions, and DevOps

Leadership Focus: Technology strategy, engineering excellence, and innovation initiatives

Executive Leadership

Nishita Algubelli - Chief People Officer

Education: Master's Degree in Business Administration from Vellore Institute of Technology

Focus: Building a high-performance culture and making Fission Labs a "Great Place to Work"

Responsibilities: Talent acquisition, employee development, organizational culture, and HR strategy

Quote: "I love our diverse and inclusive culture and the exciting transformational work we are delivering for our clients. This is a workplace where like-minded pioneers and visionaries come together to do exceptional work."

Board of Directors

Fission Labs maintains an active board of 5 members combining founder expertise with independent oversight:

- Eswar Lingam (Co-Founder & CEO)
- Kishore Poreddy (Co-Founder)
- Mallampati Surendra Babu Venkata (Co-Founder & CTO)
- Naveen Venkat (Independent Board Member)
- Gadde Sushma Sri (Independent Board Member)

4. Products & Services Portfolio

1. Web & Mobile App Development

Fission Labs delivers comprehensive full-stack development services for modern web and mobile applications. The company specializes in building scalable, responsive applications using cutting-edge frameworks and technologies.

Services Include:

- Custom software development tailored to business requirements
- Responsive web applications (React, Angular 2, HTML5, CSS3)
- Native and cross-platform mobile apps (iOS and Android)
- Progressive Web Apps (PWA) for enhanced user experience
- Full-stack development (Node.js, Java, Python backends)
- UI/UX design and user experience optimization
- API development and integration (RESTful, SOAP)

2. Data Engineering Services

As a Databricks Registered System Integrator, Fission Labs offers enterprise-grade data engineering solutions for big data processing, analytics, and business intelligence.

Capabilities:

- Big Data solutions using Hadoop, Spark, and Databricks Lakehouse Platform
- Data pipeline design and ETL/ELT processes
- Data warehousing architecture and implementation
- Real-time data streaming and processing
- Data visualization and business intelligence dashboards
- Data quality, governance, and compliance frameworks
- Database design and optimization (SQL, NoSQL, MongoDB)
- Clean and automated data pipelines with 125TB+ scale experience

3. Cloud Consulting Services

As an AWS Advanced Tier Services Partner, Fission Labs provides comprehensive cloud consulting across multiple platforms with deep expertise in AWS, Azure, and Google Cloud.

Cloud Services:

- Cloud migration and modernization strategies
- Cloud-native application development and microservices architecture
- Multi-cloud and hybrid cloud solutions
- DevOps and CI/CD pipeline implementation
- Infrastructure as Code (IaC) using Terraform
- Containerization with Docker and Kubernetes orchestration
- Cloud cost optimization and FinOps
- Serverless architecture design and implementation
- Cloud security and compliance (HIPAA, GDPR, SOC 2)
- AWS GovCloud implementations for government sector

4. AI & Machine Learning Services

Fission Labs has positioned itself at the forefront of AI innovation, with 150+ engineers specializing in artificial intelligence and machine learning solutions.

AI/ML Offerings:

- Custom Machine Learning model development and training
- Deep Learning solutions using TensorFlow and PyTorch
- Natural Language Processing (NLP) and understanding
- Natural Language Generation for content creation
- Computer Vision for image and video analysis
- Predictive analytics and forecasting models
- AI-powered automation and workflow optimization
- Text analytics, sentiment analysis, and translation services
- Data Science consulting and strategy
- MLOps and model deployment pipelines

5. Generative AI Services

With AWS Generative AI Software Competency Partner certification achieved in 2024/2025, Fission Labs offers cutting-edge generative AI solutions.

GenAI Capabilities:

- Custom Generative AI solutions using Amazon Bedrock and Nova
- Large Language Model (LLM) integration and fine-tuning
- RAG (Retrieval-Augmented Generation) architectures for enterprise knowledge
- Intelligent agents and enterprise knowledge assistants
- Multi-agent systems for complex workflows
- Agentic AI workflows using AWS Strands Agents
- Production-ready AI deployment with enterprise governance
- AI-First solutions aligned with business objectives
- Vector databases and semantic search using Amazon OpenSearch
- Foundation model deployment using Amazon SageMaker

6. Quality Assurance Services

QA Services:

- Manual testing and test case design
- Test automation framework development
- Performance and load testing
- Security testing and vulnerability assessment
- Continuous testing and DevOps integration
- Mobile app testing (iOS and Android)
- API testing and validation

7. Salesforce Consulting Services

Salesforce Expertise:

- Salesforce implementation and customization
- Lightning Framework and Lightning Web Components (LWC) development
- Apex programming and Visual Force pages
- Sales Cloud, Service Cloud, and Community Cloud solutions
- Salesforce integration with third-party systems
- CRM optimization and workflow automation

8. HealthTech & MedTech Solutions

With extensive experience in healthcare technology, Fission Labs delivers HIPAA-compliant solutions for the healthcare industry.

Healthcare Solutions:

- Telemedicine platforms for remote healthcare delivery
- Hospital management systems and EHR/EMR solutions
- Laboratory Information Systems (LIS) with AI modules
- Medical device software development
- HIPAA and HL7 compliant solutions
- Clinical case management platforms
- Pathology and radiology platforms with whole slide imaging

- Medical education platforms (supporting 125TB data, 40,000+ users)
- Maternal and infant health analytics

9. ServiceNow Solutions

- ServiceNow implementation and configuration
- ServiceNow customization and workflow automation
- IT Service Management (ITSM) optimization

10. ODC & Augmented Engineering

Engagement Models:

- Offshore Development Center (ODC) setup and management
- Dedicated development teams aligned with client processes
- Staff augmentation for skill-specific requirements
- Remote team management and collaboration
- Long-term strategic partnerships

Technology Stack Expertise

Category	Technologies
Programming Languages	Java, Python, JavaScript, Node.js, Apex

Frontend Frameworks	React, Angular 2, HTML5, CSS3, Lightning Web Components
Backend Technologies	Node.js, Java Spring, Python Django/Flask, RESTful APIs, SOAP
Cloud Platforms	AWS, Microsoft Azure, Google Cloud Platform (GCP)
Big Data Technologies	Hadoop, Apache Spark, Databricks, Hive, Kafka
Databases	SQL (PostgreSQL, MySQL), NoSQL (MongoDB), Redis
DevOps Tools	Docker, Kubernetes, Terraform, Jenkins, GitLab CI/CD
AI/ML Frameworks	TensorFlow, PyTorch, Amazon Bedrock, SageMaker, OpenAI

Testing Tools	Selenium, JUnit, TestNG, Postman, JMeter
---------------	--

Delivery Methodologies

1. **Sequential Progress:** Traditional waterfall approach for well-defined projects
2. **Agile Delivery:** Iterative development with continuous feedback and sprints
3. **Rapid Application Development (RAD):** Quick prototyping and validation
4. **MVP Development:** Minimum Viable Product for market testing
5. **POC Development:** Proof of Concept for idea validation

5. Industry Verticals & Market Focus

Fission Labs serves clients across diverse industry verticals, leveraging deep domain expertise and technological capabilities.

Healthcare & Life Sciences

With extensive HIPAA compliance experience and medical platform development, Fission Labs is a trusted partner in healthcare technology.

- Telemedicine platforms enabling remote consultations
- Hospital management systems and workflow automation
- Laboratory Information Systems (LIS) with AI-powered diagnostics
- Medical education platforms (40,000+ users, 125TB data)
- Clinical case management and patient tracking
- Medical device software and regulatory compliance platforms
- Whole slide pathology imaging and annotation tools
- Maternal and infant health analytics for public health initiatives

Advertising Technology (AdTech)

Real-time bidding systems and programmatic advertising platforms.

- Demand-side Platforms (DSP) with ML-enabled optimization
- Real-time bidding systems with sub-100ms response times
- Campaign management and analytics platforms
- Mobile advertising solutions and attribution tracking
- Ad fraud detection and prevention systems

Financial Technology (FinTech)

- Workflow management and automation platforms
- Tax automation and compliance solutions
- Invoice processing and document curation systems
- Payment processing and transaction management
- Risk assessment and fraud detection using AI

Logistics & Transportation

- Fleet tracking and management systems with IoT integration
- Real-time resource utilization analytics
- Route optimization using ML algorithms
- 360-degree operational visibility dashboards
- Predictive maintenance for fleet management

Enterprise Software & SaaS

- Custom business applications and workflow automation
- CRM and ERP solutions
- Cloud-based SaaS platform development
- Multi-tenant architecture design
- Enterprise integration and API management

Startups & Technology Companies

Fission Labs' roots in serving Bay Area startups continue to be a core strength.

- Product ideation and MVP development
- Scalable architecture for growth
- Technical consulting and CTO advisory
- Rapid prototyping and market validation
- Technology stack selection and optimization

E-commerce & Retail

- E-commerce platforms and marketplaces
- Inventory management systems
- Customer analytics and personalization