



Software Engineer

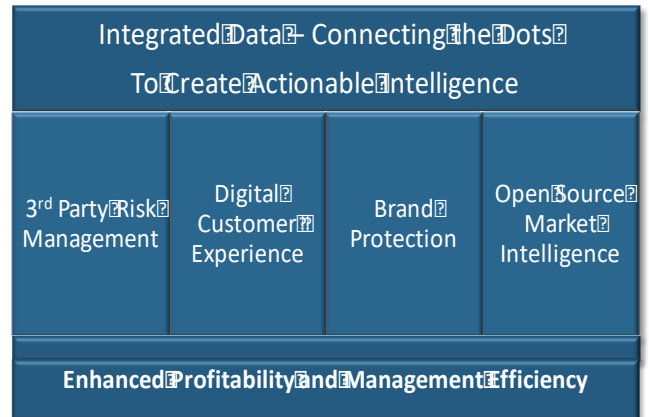
Aegis Mobile, LLC
Offices in multiple locations

Aegis Overview

Aegis is a global leader in brand protection, fraud detection, 3rd party integrity assurance, channel risk management, and multi-source data intelligence. Aegis utilizes the most sophisticated Internet and mobile web surveillance and capture tools available today to hunt, capture and retain dynamic and static information to deliver:

- Business Analytics for Brand Protection and Compliance
- 3rd Party Partner Risk Assessment and Monitoring
- Market Intelligence, SEO Performance, and
- Operational Insight and Transformation

Aegis provides multi-level investigative solutions to its clients through proprietary software tools that integrate and transform data into actionable information with intuitive user interfaces, APIs, and data analytics pipelines.



Aegis Solutions

The Company operates two highly focused business units:

- Brand Protection and Third-party Risk Management
- Multi-source Business Intelligence and Analytics

Our systems are designed to be customized to meet the individual customer's processes and objectives. In its brand and partner protection products and services, Aegis "connects the dots" using proprietary software to create business insight as well as partner and program visibility across business channels to improve performance, risk mitigation, and management efficiency. For its business intelligence and analytics services, Aegis integrates customers' data with open-source information from across the Internet to deliver customized, actionable, world class business intelligence.

Position: Software Engineer

Need Statement

As our platforms continue to expand in capability, scale, and integration complexity, there is a growing need for engineers who can operate beyond task execution and take ownership of delivering complete, well-designed solutions. This role is intended to bridge the gap between implementation-focused development and higher-level system design by bringing strong technical judgment, accountability, and problem-solving to core engineering efforts. The Software Engineer will play a critical role in ensuring our systems remain scalable, maintainable, and aligned with evolving business needs.

Job Summary

The Software Engineer is responsible for designing, developing, and maintaining scalable software solutions that support the organization's products and internal systems. This role operates with a high degree of autonomy, translating business requirements into technical designs and delivering reliable, maintainable implementations. The Software Engineer contributes to system architecture, integration strategies, and performance optimization while remaining hands-on in development. Success in this role requires strong ownership, sound engineering judgment, and the ability to balance immediate delivery needs with long-term system quality.

Responsibilities

- Design, develop, test, and maintain software applications and services
- Translate business requirements into technical designs and implementation plans
- Contribute to system architecture, data modeling, and integration design
- Build and maintain APIs, services, and data workflows supporting internal and external systems
- Write clean, efficient, and maintainable code following established standards
- Troubleshoot and resolve complex issues across development, staging, and production environments
- Optimize application and database performance through analysis and tuning
- Participate in code reviews to ensure quality, consistency, and knowledge sharing
- Implement logging, monitoring, and observability best practices
- Support CI/CD pipelines and deployment processes
- Collaborate with cross-functional teams to deliver complete, end-to-end solutions
- Identify and drive improvements in system design, performance, and development practices

Expectations

- Own problems from definition through delivery with minimal oversight
- Make informed technical decisions and clearly articulate trade-offs
- Deliver reliable, scalable, and maintainable solutions
- Balance speed of delivery with long-term system health
- Communicate effectively with both technical and non-technical stakeholders
- Contribute positively to team standards, practices, and continuous improvement
- Demonstrate accountability, follow-through, and attention to detail
- Continuously develop technical skills and expand system-level understanding

Knowledge and Skill Requirements

- Strong understanding of software engineering principles, design patterns, and best practices
- Ability to design and implement scalable, maintainable systems
- Proficiency in debugging and resolving issues across application layers
- Solid understanding of relational databases, data modeling, and query optimization
- Experience working with APIs, distributed systems, and service-based architecture
- Familiarity with cloud-based development and deployment environments
- Understanding of version control, CI/CD, and modern development workflows
- Ability to translate ambiguous requirements into structured technical solutions

Experience with the Following Technologies (Strongly Preferred)

- C# / .NET ecosystem
- RESTful APIs and web services
- SQL and relational databases (e.g., SQL Server)
- Microsoft Azure (App Services, Functions, Storage, or similar)
- Git-based version control systems
- CI/CD pipelines (e.g., Azure DevOps)
- Docker or containerization technologies

Additional Desirable Knowledge and Skills

- Experience with microservices or event-driven architecture
- Exposure to data pipelines, analytics platforms, or data engineering concepts
- Familiarity with authentication/authorization frameworks (e.g., OAuth, identity providers)
- Understanding of system observability, logging frameworks, and monitoring tools
- Experience supporting or enabling machine learning or advanced analytics workloads
- Prior experience working in Agile development environments

Qualifications

- Bachelor's degree in Computer Science, Information Systems, or a related field, or equivalent practical experience
- 5–8 years of professional software development experience
- Demonstrated ability to design and deliver production-quality software solutions
- Proven experience working in collaborative, team-based development environments
- Willingness to attend meetings in-person at one of Aegis' office locations

Why You'll Want to Work with Aegis:

Aegis is an innovative, diverse, and dynamic company with tightly woven teams constantly exploring new ways to produce advantages for our clients. With offices in Maryland, Virginia, Alabama, and Sydney Australia, we provide opportunities to work in a variety of settings and use the collaborative brainpower around you to ask and answer interesting questions. We have a broad range of backgrounds and interests: experts in fields such as finance, real estate, politics, and naval engineering, come together to make an intriguing and educational work environment. We offer excellent benefits and competitive salaries.