



Software Engineer

Location: [Sydney (Hybrid) / Remote within AU]

Employment: Full-time

Seniority: Mid (5–10 years experience)

About Aigentsphere

Aigentsphere is building the platform that lets enterprises confidently scale AI agents—with the right visibility, control, guardrails, governance, and observability. We integrate leading AI platforms (Anthropic, OpenAI, Google) with modern infrastructure so teams can ship agentic applications confidently and at scale.

Join a great team who aspires to provide an industry defining platform that unlocks enterprise AI potential and helps shapes the future of agentic AI.

The role

You'll help design and build core platform capabilities—agent orchestration, policies/guardrails, integrations, and data/observability—using our TypeScript-first stack on Kubernetes. You'll work end-to-end: APIs & services, data layers, CI/CD, and production operations.

What you'll do

- Build reliable services and APIs in TypeScript/Node.js that power agent workflows and enterprise integrations.
- Ship features from spec → code → tests → deploy, owning quality, performance, and security.
- Work with Redis, Postgres, and ClickHouse for transactional workload, caching, and analytics.
- Integrate and optimize LLM providers (Anthropic, OpenAI, Google) for latency, cost, and safety.
- Contribute to our Kubernetes + ArgoCD platform on AWS (infrastructure, deploys, runtime config).
- Improve developer experience and CI/CD (e.g., GitHub Actions) and instrument services for observability.

- Participate in code reviews, design discussions, and occasionally mentor junior engineers.
- Document decisions and share knowledge; collaborate closely with product and design.

Our tech

- Languages: TypeScript/Node.js
- Infra & DevEx: Kubernetes, ArgoCD, AWS, GitHub Actions, Docker (IaC/Helm as needed)
- AI Platforms: Anthropic, OpenAI, Google
- Data: Redis, Postgres, ClickHouse
- Internal tooling: Kilocode

What you'll bring

- 5-10 years' professional experience building production software.
- Strong TypeScript/Node.js skills and solid software design fundamentals.
- Experience with cloud-native systems (containers, k8s basics, CI/CD) and operating services in prod.
- Proficiency with SQL and data modeling; familiarity with caching and event/asynchronous patterns.
- Comfortable integrating external APIs/SDKs and reasoning about reliability, performance, and cost.
- Clear, pragmatic communication and a habit of testing and instrumentation.

Nice to have

- Hands-on with LLM integrations (prompting patterns, streaming, eval/guardrails, token-usage controls).
- Observability stacks (OpenTelemetry, Grafana/Prometheus) or LLM evaluation tooling (e.g., Langfuse, Traceloop).
- ClickHouse for analytics at scale; experience with data pipelines or Kafka.
- Frontend experience (React/TypeScript) to contribute across the stack when needed.
- Security-minded: AWS IAM/OIDC, secrets management, multi-tenant design, rate limiting.

How we work

- Small, product-focused squads; iterative delivery and trunk-based development.
- Lightweight rituals (standups, planning, retros); high ownership and psychological safety.
- Bias to ship, measure, and learn—especially around reliability, latency, and user impact.

What success looks like

- 90 days: Shipped features in at least one service; added meaningful tests and basic dashboards/alerts.
- 6 months: Owns a component/service with measurable improvements (e.g., p95 latency, MTTR, cost per 1k requests).
- 12 months: Led a cross-cutting initiative (e.g., a new provider integration, guardrail framework, or ClickHouse analytics).

Compensation & benefits

- Competitive salary + super; ESOP
- Flexible work, learning budget, quality equipment, and supportive leave policies.

Interview process

1. 30-min intro (team, role, mutual fit).
2. 60-min technical deep dive (systems & architecture in our stack).
3. Practical exercise (pairing, 60–90 min).
4. Team interview (collaboration, product thinking, values).
5. References & offer.

We're an equal opportunity employer and value an inclusive, diverse team.