

CLINT JOHNSON

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PROFESSIONAL SUMMARY

Adept fintech software engineer boasting 5 years of experience, specialised in developing and deploying robust, observable, event-driven, cloud-native distributed systems within agile cross-functional teams. Equipped with a recent Master's in AI, eager to apply unique blend of expertise to revolutionize backend systems in challenging roles.

CAREER HIGHLIGHTS

Transformative Leadership: Led high-performing backend teams that consistently outperformed targets and over-delivered in time.
Consistent Excellence: **4-time winner** of the Spot Excellence Award at Deloitte for exceptional contribution.
Talent Cultivation: Shaped Deloitte's engineering future through **70+** technical interviews and leading Spring training initiatives.

EXPERIENCE

Deloitte, Converge BankingSuite

Software Engineer 3 (Technical Lead)

Jul 2022 – Aug 2023

- Leadership:** Led a 4-member team in the successful development and deployment of key **digital banking** components namely card payments, core banking integrations, KYC, and IVR within a **Banking as a Service** cloud platform.
- Solution Architecture:** Designed **event-driven** architectures compliant with industry regulations and BIAN guidelines. Effortlessly managed architecture reviews. Produced OpenAPI specifications, sequence diagrams, data models & C4 models.
- Agile Expertise:** Collaborated in cross-functional teams throughout SDLC for **requirement analysis, prioritization, effort estimation** and **sprint planning**. Tracked story progress transparently on Jira and iterated fast with ArgoCD (CI/CD).
- Mentorship:** Mentored junior developers through **architecture and code reviews**. Created company-wide training modules for Spring Cloud libraries. Championed **best practices**, design patterns, and maintainable code by example.

Software Engineer 2

Nov 2020 – Jul 2022

- Orchestration:** Pioneered a business process-driven **microservice orchestration** for customer onboarding using Spring, BPMN & Camunda (**workflow automation**), DMN (**rule engine**), integrating business rules & logic across microservices.
- Internal Tooling:** Built and owned a vendor-agnostic, declarative, **distributed tracing and logging library** for Spring with log-trace correlation and PI data masking. Deployed an OpenTelemetry trace collector to the cluster using Helm to aggregate and export data to Datadog. Integrated across **100+** microservices, supercharging the platform's observability.
- Cloud Native on AWS:** Delivered an ML-driven POC in 2 months to streamline scanned EOB document processing. Implemented an event-driven architecture with AWS Lambda, SQS, EC2, DynamoDB, MSK, Gateway, and Textract.

Dell

Software Engineer

Jan 2019 – Oct 2020

- Automation:** Led a 2-member team in implementing a Java-based automation pipeline for monitoring and reconciling Dell's B2B client purchase orders, saving over **125** hours per week in labour for the sales team and **\$3 million** in potential losses.
- Test Driven Development:** Developed and maintained **RESTful** Spring microservices for Dell's internal mobile applications. Ensured over 90% test coverage, fixed bugs, and iteratively deployed to Pivotal Cloud Foundry with Jenkins.

EDUCATION

The University of Manchester

Master of Science in Advanced Computer Science, Specialisation in AI; Expected Distinction

Sep 2023 – Sep 2024

SKILLS

Expertise: TDD, Microservices, Distributed Systems, REST, Event-Driven

Backend: AWS, Java 17, Python, Spring, Linux, Junit, Camunda

DevOps: Docker, Kubernetes, Helm, Terraform (IaC), ArgoCD (CI/CD), Istio (Service Mesh), Datadog (Observability)

Databases: Kafka, PostgreSQL, Redis, DynamoDB (NoSQL), S3

Developer Tools: Git, Jira, Confluence, UML

PROJECTS

Deep Reinforcement Learning for Trading | PyTorch, Optuna, OpenAI Gym

Apr 2024 – Present

- Proposed a group-agent reinforcement learning **algorithmic trading strategy**. Backtested on US stock market, benchmarked performance against traditional ML & RL trading strategies. Generated strategy performance reports & tear sheets.

ADDITIONAL EXPERIENCE

Anumana Code Academy

Volunteer, Python Tutor

Nov 2023 – May 2024

- Trained 10 middle school students in Python programming, fostering problem-solving and critical thinking skills.

Centre for Analytical Finance, ISB

Data Science Intern

Apr 2018 – Jul 2018

- Devised **algorithmic trading strategies** in Python based on time series analyses, F-score, and pairs trading. Backtested the strategies on historic stocks and futures market data, with pairs trading in particular outperforming major indices and delivering a consistent **27%** higher annual average return, even in bearish markets.

Hasura (Unicorn Startup)

Product Development Intern

May 2017 – Aug 2017

- Produced technical blogs and documentation. Full stack development with TypeScript, NodeJS, GraphQL, Postgres, JQuery, and Hasura backend.