

CAMERON R. PORTER

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SUMMARY

Software engineer with almost five years of experience building enterprise payment processing, event-driven integration, and cloud infrastructure systems that move millions of financial transactions annually. Owns complex cross-system initiatives end to end across NetSuite, Salesforce, Snowflake, and Amazon Web Services (AWS), from architecture and integration design through production support and regulatory certification. Recognized subject matter expert in payment processing and event orchestration, delivering measurable cost reduction, throughput gains, and compliance outcomes while mentoring engineers and facilitating team delivery.

CORE COMPETENCIES

Payment and Financial Systems: Payment Processing, Payment Gateway Integration, Financial Transaction Processing, Financial Reconciliation, Transaction Orchestration, Regulatory Compliance, Data Anonymization

Cloud and Infrastructure: Amazon Web Services (AWS), AWS Lambda, Simple Queue Service (SQS), Simple Notification Service (SNS), Terraform, Infrastructure as Code (IaC), Continuous Integration and Continuous Delivery (CI/CD), Observability, Monitoring

Architecture and Engineering: Event-Driven Architecture, Distributed Systems, Microservices, Systems Integration, Representational State Transfer (REST) Application Programming Interfaces, Idempotency, Test-Driven Development (TDD), Software Design Patterns

Data and Platforms: Snowflake, Data Warehousing, Structured Query Language (SQL), MySQL, NetSuite Enterprise Resource Planning (ERP), Salesforce, Data Modeling, Batch Processing

Delivery and Leadership: Technical Ownership, Code Review, Mentoring, Agile Methodology, Scrum Facilitation, Requirements Analysis, Stakeholder Collaboration, Vendor Management, Production and On-Call Support

PROFESSIONAL EXPERIENCE

COMPASSION INTERNATIONAL

April 2023 – Present

Software Developer II

- Lead development of enterprise payment processing systems integrating NetSuite Enterprise Resource Planning (ERP) with Amazon Web Services (AWS) infrastructure, supporting millions of financial transactions annually
- Delivered a third-party vendor payment integration projected to save \$3 million over four years while generating \$5 million in additional income
- Redesigned commitment and payment upsert logic, reducing request processing time by 3,400 percent and improving readability enough for new developers to contribute immediately
- Refactored the payment decline workflow onto an event-driven architecture, strengthening event reliability between NetSuite, Salesforce, and downstream consumers
- Delivered Mastercard Transaction Link Identifier (TLID) compliance end to end, including tokenization support, response processor support, bank file certification, and final certification delivery
- Built the Vendor Gateway application programming interface and third-party pre-authorization intake, enabling future payment vendor integrations and expanding revenue-generating capability
- Engineered Simple Queue Service (SQS) retry and reliability architecture, reducing production failure risk across mission-critical payment workloads
- Implemented idempotent processing across 6 million records, eliminating duplicate financial transactions and preserving data integrity
- Automated Snowflake secret rotation, supporter lookup file generation, and microservice restart on credential change, removing recurring manual operations work and reducing credential-related incidents
- Designed automated data anonymization workflows supporting compliance requirements and safe data handling across non-production environments
- Integrated the Snowflake data warehouse with NetSuite and Salesforce to support reporting, batch processing, liability tracking, and operational visibility
- Built monitoring, logging, and traceability improvements across event pipelines, shortening diagnosis time for production issues in distributed services
- Delivered 32 accepted stories totaling 84 story points in a single six-month cycle, and 40 production-relevant stories in the preceding cycle, while meeting every sprint commitment

- Serve as recognized subject matter expert for Vendor Gateway, pre-authorization processing, and Mastercard compliance, guiding teammates on implementation approaches and integration patterns
- Facilitate Agile ceremonies, including retrospectives and daily standups, during a Scrum Master gap, and represent the team as a delegate in leadership meetings
- Documented single points of failure and on-call alert resolution paths, enabling any team member to resolve production alerts regardless of tenure
- Rated Top Contributor for two consecutive review cycles, following a Strong Contributor rating that allowed the organization to discontinue external contractor support

MERKLE, INC.

March 2022 – April 2023

Software Engineer

- Built backend systems and automation tooling in Node.js supporting large-scale client promotions and digital campaigns
- Designed automation workflows that reduced operational costs by approximately \$2 million annually
- Identified system vulnerabilities and implemented mitigations against robot traffic, preventing service disruption during high-volume campaigns
- Translated business requirements into technical solutions in coordination with internal teams and third-party vendors
- Improved documentation and internal delivery processes, increasing team consistency and throughput

LEADERSHIP AND VOLUNTEER EXPERIENCE

VETS WHO CODE

March 2021 – March 2025

Software Engineering Mentor

- Mentored transitioning veterans into software engineering roles through one-on-one pair programming and technical guidance
- Guided developers through system architecture, debugging, and scalable implementation approaches
- Reviewed code and delivered feedback that improved performance, readability, and maintainability
- Partnered with leadership to define feature roadmaps and improve platform functionality
- Supported development of web applications using React and Next.js

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Go, Node.js, Structured Query Language (SQL)

Cloud and Infrastructure: Amazon Web Services (AWS), AWS Lambda, Simple Queue Service (SQS), Simple Notification Service (SNS), Terraform

Data: Snowflake, MySQL, NetSuite, Salesforce, Data Warehousing

Frameworks and Interfaces: React, Next.js, Representational State Transfer (REST) Application Programming Interfaces

Practices and Tools: Event-Driven Architecture, Test-Driven Development, Unit and Integration Testing, Continuous Integration and Continuous Delivery, Git, Datadog, Agile and Scrum

EDUCATION

GRAND VALLEY STATE UNIVERSITY

In Progress

Master of Science in Software Engineering, Concentration in Artificial Intelligence

AMERICAN MILITARY UNIVERSITY

June 2021

Bachelor of Science in Information Technology