

JAY EDWARD

Fractional DevOps Engineer

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PROFESSIONAL SUMMARY

Fractional DevOps engineer who solves infrastructure, security, and payments problems — and conserves revenue. Fewer incidents. Lower cloud spend. Hardened systems. Cleaner pipelines. Senior execution without the full-time hire. I take on small, well-scoped projects and lead the engagement end to end: you bring the problem, I bring the plan, the delivery, and the outcome.

CORE COMPETENCIES

Platform & Infrastructure: Terraform, OpenTofu, Kubernetes, GitOps, Multi-cloud, Zero-Trust Architecture

Cryptography & Payments: AES-256-GCM, Argon2id, ECDSA, Ed25519, Nitro Enclaves, PCI-DSS

AI & Data Integrity: Generative AI, Biteris AI Registry, Cryptographic Attestation, Verified Pipelines

Applications & Backend: PHP, Laravel, MySQL, REST APIs, CRM Systems, Mobile Dialers

Observability & Security: Hardened CI/CD, Monitoring & Alerting, Offensive Security, Incident Reduction

PROFESSIONAL EXPERIENCE

Creator & Lead Developer — CallCentro.com
Revenue Operations · AI · Telephony | 2024 – Present

- Built CallCentro.com, a call-center and outbound sales platform, owning technical direction.
- Designed a custom CRM for lead management, campaign tracking, and sales workflow automation.
- Built mobile dialers for outbound calling, routing, and real-time agent tracking.
- Integrated generative AI for call scripting, lead qualification, and automated follow-ups.

Founder & Lead Engineer — Ping192

Fractional DevOps · Platform Engineering · Offensive Security | 2024 – Present

- Run a senior-only practice delivering IaC, platform engineering, and offensive security.
- Lead engagements end-to-end: scope, delivery, and outcome. You bring the problem; I bring the plan.
- Design Terraform/OpenTofu modules, multi-cloud infrastructure, Kubernetes platforms, and zero-trust architectures.
- Public case work: ping192.sbs/prison-infra · ping192.sbs/medcloud

Infrastructure, Security & Payments — Biteris AI Registry & DVIUS

Sovereign AI · Cryptographic Attestation · Autonomous Security | 2024 – Present

- Contributed to Biteris AI Registry (biteris.net) and DVIUS (dvius.net) autonomous cybersecurity platform.
- Built encrypted cross-border payment pipelines using AES-256-GCM, Argon2id, ECDSA, and Nitro Enclaves.
- Applied cryptographic attestation (Ed25519, ZK proofs) to payment and entity verification.

Earlier Career — Sales & Business Development

Customer Needs Analysis · Solution Alignment | Pre-2024

- Deep experience understanding customer pain points and aligning solutions to business outcomes.
- Communication and relationship skills that bridge technical and non-technical stakeholders.

SELECTED PROJECTS

- CallCentro.com — CRM, Mobile Dialers, Generative AI
- Biteris AI Registry — Cryptographic Attestation
- DVIUS — Autonomous Offensive Security
- Ping192 Prison-Infra — Isolated Infrastructure Case Work
- Ping192 MedCloud — Healthcare Cloud Case Work

CONTACT

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