

# JASON A ESCH

Founder, BVE LABS | Engineering Leader

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## SUMMARY

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Founder of BVE Labs, building AI-first products for healthcare and automation. Over 10 years architecting HIPAA-compliant systems processing billions of records for Fortune 500 companies. I bring startup velocity, enterprise experience, and healthcare domain expertise.

## WHAT I OFFER

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### Engineering Team Building

Scale teams from 2→15 engineers with 90% retention.

### Fractional CTO Services

Strategic technical leadership for growing and established companies.

### System Architecture

HIPAA-compliant platforms processing billions of records.

### AI/ML Integration

Practical LLM and automation systems

### Crisis Leadership

Rapid response for launches and production emergencies.

### Security & Compliance

Audit-ready architecture and HIPAA frameworks.

## SELECT CLIENT RESULTS

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### Fortune 500 Healthcare Platform | ZephyrAI

Reduced payment delays 50%, achieved 90%+ test coverage

- Tech: React, Next.js, TypeScript, Azure SQL, Material UI

### NFT Analytics Platform | Nifty's (Warner Brothers)

Prevented \$1M+ revenue loss, enabled 20% sales growth

- Tech: Tableau, PostgreSQL, Retool, Klaviyo, Mixpanel

### Data Lake Infrastructure | OncoHealth

99.8% uptime processing 1B+ records for Fortune 500 pharma

- Tech: Azure Synapse, SQL, Databricks, PySpark, Scala, Python

### Bitcoin Custody Platform | Onramp

Reduced sprint churn 50%, improved reliability 20%, increased sprint velocity 137%.

- Tech: Linear, Prisma, MongoDB, Datadog, CI/CD

### Healthcare Claims Automation | Cotiviti

Reduced healthcare claims processing from 3 days → 4 hours

- Tech: SQL, Python, AWS, Control-M, Six Sigma automation

## CORE COMPETENCIES

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### Cross-Functional Collaboration:

10+ years in engineering and analytics

### Technical Delivery & Architecture:

Full-stack development, CI/CD, cloud architecture, security

### Compliance & Security

HIPAA/SOC2, vulnerability assessment, incident response

### Process & Quality

Code reviews, testing, performance optimization, Agile

## ENGAGEMENT TYPES

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### Strategic Partnership

### Launch Support

### Site Design

### Technical Sprints

### Architecture Review

## BVE LABS PRODUCTS

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### ShiftFill AI

Autonomous healthcare scheduling

### SolvuAI

HIPAA-compliant AI wellness assistant

### EV Estimate

NEC-compliant electrical analysis

### TaxParser

High-volume document processing platform for tax professionals.