



Babak Bandpey

Senior Freelance Software Engineer / Security & GRC Specialist

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LinkedIn

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SKILLS

AI/ML

AI Evaluation & Scoring Logic

AI-assisted Assessment Generation

Embedding & Retrieval (RAG)

LLM Integration (OpenAI / Azure AI)

Policy-aware AI Workflows

Prompt & System Design

Android app development

Kotlin

Architecture

Closed-circuit / Local Deployments

Data-driven KPI Systems

End-to-end System Architecture

Scalable Compliance Platforms

Security-by-design Architecture

Backend

Backend Architecture

Business Logic Modeling

Django Flask

Multi-tenant Systems

REST API Design

Single-tenant Secure Deployments

Supabase

Workflow Automation

Consulting

Client Advisory (CISO / Security Teams)

Independent Delivery & Accountability

Product Vision & Roadmap Ownership

Requirements Translation (Business → System)

Technical Leadership

Databases

Graph-based Data Modeling

Neo4j (Graph DB)

pgvector / Vector Search

PostgreSQL Redis

Relational Data Modeling

DevOps

CI/CD

DevOps/Cloud

CI/CD Pipelines

DigitalOcean

Infrastructure as Code

Secure System Deployment

Single-tenant Isolation Strategies

Frontend

React Tailwind CSS

Vite Vue.js

Vibe Coding

Claude CLI Codex

Cursor

Vide Coding

Cursor

Security/GRC

Audit Support & Reporting

CIS Controls / CIS18 Operationalization

CMDB & Asset Dependency Modeling

Gap Analysis

GRC Process Automation

ISO 27001 / ISMS Implementation

Risk Modeling & Assessment

Vulnerability Triage & Mitigation Coordination

Software Development

Debugging

Testing

Integration Test

Unit Test

Testing and QA

Code Rabbit

Vibe Coding

Claude CLI Codex

Cursor

Vide Coding

Cursor

PHP Framework

Laravel Symfony

Yii

Programming Languages

C# JavaScript

Node.js PHP Python

ReactJS SQL

TypeScript

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Summary

Senior systems architect who operationalizes security, compliance, and AI into measurable business outcomes. Conceived, architected, and built FITS, a production-grade AI-driven GRC platform used by real organizations. Expert in Python, Django, PostgreSQL, Neo4j, React, and AI/LLM integration. Hands-on experience with ISO 27001, CIS Controls, ISMS implementation, and large-scale compliance automation.

Experience

Senior Freelance Software Engineer / Security & GRC Specialist

Copenhagen, Denmark 2025-01 - Present

Independent consultancy providing senior software engineering and security expertise. Focus on outcome-driven delivery with heavy personal ownership.

FITS - AI-Driven GRC Platform

Production-grade GRC / security program management platform used by real organizations. Functions as GRC automation engine, CMDB-like system, and assessment/reporting factory.

Python, Django, PostgreSQL, Neo4j, Redis, TypeScript, React, Tailwind, pgvector, OpenAI / Azure AI, Atlassian Confluence, Jira

- AI-generated security questionnaires
- Policy-aware evaluation of answers
- Automated scoring and assessments
- KPI-rich reporting for CISOs, auditors, and executives
- Reduced assessment turnaround from ~3 weeks to < 48 hours
- Reduced manual review effort by ~75%
- Multi-tenant architecture, operated as single-tenant per customer
- Strong data isolation and compliance alignment

Security & GRC Consultant L7 Consulting

Copenhagen, Denmark 2021-12 - 2024-12

Long-term engagement with high trust and high autonomy. Built FITS during this period. Focus on GRC automation, ISMS implementation, and security program management.

Archer at GlobalConnect

<https://globalconnect.com>

Archer Project (Enterprise GRC Implementation) Worked with RSA Archer as the central GRC platform to structure and operate enterprise risk, control, and compliance processes. The work focused on

mapping ISO 27001-aligned policies and risks into concrete Archer workflows, running assessments, managing findings and remediation, and producing audit-ready reporting.

Emphasis was on making Archer reflect real operational risk and security status rather than static compliance documentation.

Python, Django, PostgreSQL, Neo4j, Redis, REST APIs, JSON, SQL, React, TypeScript, Tailwind CSS, OpenAI/Azure AI integrations, Jira, Confluence, RSA Archer, ISO 27001 frameworks, CIS Controls frameworks, CMDB principles, risk assessment tooling, policy & control libraries, audit reporting tools

- Planned and executed large-scale gap assessments across business-critical applications
- Conducted structured interviews with system owners, product owners, and technical stakeholders
- Interpreted policies, standards, and regulatory requirements into assessable control questions
- Evaluated control design and operating effectiveness, not just documentation presence
- Identified gaps, weaknesses, and systemic patterns across applications and domains
- Documented findings with clear severity, rationale, and remediation guidance
- Created management-ready assessment reports for security, risk, and executive audiences
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