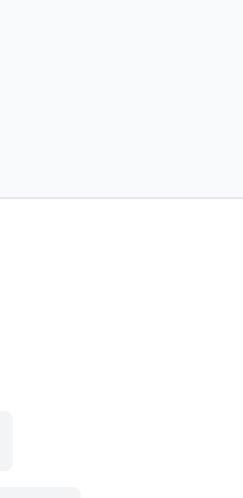


Babak Bandpey

Senior Freelance Software Engineer / Security & GRC Specialist



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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.

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
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

Integrations

Atlassian Confluence (Automation & Publishing)
Excel-based Reporting Automation
Jira Integration
Microsoft / Azure Ecosystem

PHP Framework

Laravel
Symfony
Yii

Programming Languages

C#
JavaScript
Node.js
PHP
Python
ReactJS
SQL
TypeScript

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

Vide Coding

Cursor

Experience

Senior Freelance Software Engineer / Security & GRC Specialist

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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
- 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 Nuuday A/S <https://nuuday.dk> Worked with RSA Archer as the core GRC platform at Nuuday to manage risk, control frameworks, and compliance assessments. Focused on operationalizing ISO 27001-aligned requirements, running structured assessments, tracking remediation, and producing management and 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

- Centralized management of enterprise risks, controls, and compliance obligations
- Strong support for ISO 27001-aligned risk and control frameworks
- Structured assessment workflows with traceable findings and ownership
- Built-in remediation and issue tracking for audit follow-up
- Audit-ready reporting and dashboards for management and regulators
- Clear traceability from policy → risk → control → finding → remediation

System Developer

Div

Copenhagen, Denmark 2000-12 - 2018-12

20 years of experience with the LAMP stack, specializing in web applications and high-traffic sites. Skilled in PHP frameworks, backend logic, database design, and system integration. Created webshops in high-availability environments, transitioning to modern Python-based and AI-driven platforms.

Vibe Coder

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Copenhagen 2022

Top 2% Cursor AI vibe coder. I turn vague ideas into real web apps fast, often one per day. I work methodically: investigate, plan, code, then validate with unit and E2E tests. Cursor boosts speed, discipline keeps the result solid.

Education

Advanced Diploma / Continuing Education in Cybersecurity, Erhvervsakademi / EK

2021 Cybersecurity and Information Security Management GPA 3.8

Datamatiker, Niels Brock Copenhagen Business College

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2000 Computer Science GPA 3.4