

Babak Bandpey

Senior Freelance Software Engineer / Security & GRC Specialist

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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

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/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

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

[cocode.dk](#)

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 Nuuday A/S <https://nuuday.dk>
RSA Archer – Nuuday 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, ensuring Archer reflected real security and compliance status across business-critical systems.
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

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
- Designed and maintained KPI frameworks covering compliance level, control health, and progress
- Built dashboards tracking assessment completion, remediation status, and maturity trends
- Enabled longitudinal tracking of improvement instead of one-off assessments
- Fed assessment results directly into automated remediation and follow-up workflows
- Reduced manual coordination by enforcing ownership, deadlines, and traceability
- Acted as the bridge between policy intent, technical reality, and management decisions

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

[cocode.dk](#)

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

2000 Computer Science GPA 3.4