Babak Bandpey

Senior Freelance Software Engineer / Security & GRC Specialist

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Summary

I design and build systems that remove manual work and make security and compliance work in real organizations. I genuinely love what I do and I take pride in building things that actually hold up in practice.

I built FITS after watching skilled colleagues work late every day producing the same compliance outputs again and again. Surveys were corrected by hand. Hundreds of pages were reviewed manually. The work was slow, error-prone, and exhausting. It was clear to me that this was not a people problem but a system failure, so I automated it. The results were faster, more consistent, and strong enough that others wanted to invest in what I had built.

I see system design and automation as a craft. It takes patience, resilience, and intelligence to turn messy reality into something reliable. Today I help organizations operationalize security, compliance, and AI into production-grade systems that deliver measurable results. I am known as the person who works until the job is done and actually delivers.

I constantly study new technology and push my own limits with one goal: to build solutions that stand on their own and free clients from manual processes and long-term expert dependency. I want people to understand, use, and trust the systems I leave behind.

A product matters if it survives contact with reality.

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 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 Framework, C15 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

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 Framework, C15 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

Others

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 – Present

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

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 Developement

Debugging

Testing

Integration Test · Unit Test

Testing and QA

Code Rabbit

Vibe Coding

Claude CLI · Codex

Vide Coding

Cursor