# Amelia Keki

Full-Stack .NET Engineer · DevSecOps-minded · Security-aware

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## Summary

Full-stack engineer focused on .NET 8/9 backends and pragmatic delivery. I build APIs and services, set up CI/CD, and include security controls (secure coding guidelines, dependency & container scanning, SBOMs) as part of normal development.

**Comfortable end-to-end:** API → DB → infra → a minimal UI (React/Angular) to validate quickly.

Used to distributed teams, clear scope, incremental delivery, demos, and clean handovers.

## Core Skills

**Backend:** C#, ASP.NET Core (.NET 8/9), Minimal APIs & Controllers, REST/gRPC, EF Core, CQRS (MediatR), FluentValidation

**Frontend (working proficiency):** Angular (Material, NgRx, RxJS), React (TypeScript, MUI, Redux); admin dashboards

**Data:** PostgreSQL, SQL Server, Redis; migrations: EF Migrations

**Cloud & Infra:** Docker, Kubernetes, Azure (Functions, Storage, Azure AD B2C), AWS (Lambda); Helm/Terraform

**Quality & Security (defensive):** secure coding, code reviews, basic threat modeling; software composition (CycloneDX SBOM), static analysis, DAST (OWASP ZAP — authorized), container/image scanning (Trivy), license compliance; OAuth2/OIDC, Azure AD B2C, RBAC, audit logging, Playwright, Cypress.

## Experience

**Full-Stack Software Engineer — RebelDot · Mar 2023 – Present**

- Designed and developed an internal platform to manage projects, tools, and licenses using .NET 8 (Clean Architecture) and Angular 16.
- Built REST APIs and backend logic in ASP.NET Core (Web API / Minimal APIs), documented with OpenAPI and backed by PostgreSQL/SQL Server.
- Created Angular components with NgRx/RxJS and Material, including filtering, pagination, and dynamic forms for admin workflows.
- Developed internal tooling for SBOM generation and dependency checks (SCA) to raise security visibility early in the lifecycle.
- Set up CI/CD in Azure DevOps and GitHub Actions with automated tests and code quality checks; improved release safety.
- Integrated Azure services where needed (Functions, Blob Storage); containerized workloads with Docker; collaborated with European clients.

**Full-Stack Software Engineer — Qubiz · Apr 2021 – Mar 2023**

- Delivered end-to-end features across .NET Core/Node.js(Nest.js) backends and React frontends; upheld code quality via reviews and tests.
- Added Playwright E2E tests for critical flows and API contract testing with Postman.
- Optimized queries and data access (indexing and EF patterns) to reduce performance incidents.
- Maintained API documentation (OpenAPI) and provided clean handovers to client teams.

**Automation QA Engineer — LiftUp Solutions · Jul 2020 – Apr 2021**

- Wrote UI regression suites (Java) and performance checks using Postman/JMeter; improved feedback cycles.
- Triaged defects with developers and tracked resolution through to release.
- Documented QA workflows and supported continuous improvement initiatives.

## Selected Projects

### Security Automation — Azure Functions, Kubernetes

Automated SBOM generation and safe, authorized scanning in CI; consolidated reports for teams. Result: shift-left visibility and cleaner releases.

### Quality Management Platform (Wind Turbines) — .NET 8 + Angular

Built Quality Control workflows, defect tracking, and audit trails for turbine components; REST API + Angular admin. Result: consistent data capture and traceable inspections across sites.

### DevSecOps Enablement (Global Water-Pump Manufacturer) — .NET + Platform Engineering

Set up CI/CD with SBOM/SCA, container scanning (Trivy), and DAST (OWASP ZAP — authorized); added auth (Azure AD B2C), RBAC, and audit logging to internal platforms. Result: compliant pipelines and safer releases at scale.

## Education

B.Sc. Computer Science — University of Oradea (2016–2020)

## Certifications

- Microsoft Certified: Azure Cosmos DB Developer Specialty
- Microsoft Certified: Azure Security Engineer Associate
- Microsoft Certified: Azure IoT Developer Specialty