

ESW (Contract)

Remote
Jan 2023 - Now

Engineering Lead

- Load the **Platform Security** team (5) driving authentication and authorisation for all UIs an APIs by developing portals, pipelines and tools.
- Lead and designed a complex the migration from proprietary authorization system to a 3rd-party **RBAC**, and **ReBAC** solution.
- Lead and designed multiple solutions to automate costly and time consuming processes.
- Lead the integration of **SSO** on the legacy orders system, **Azure AD B2C** and **SCIM** to offer more authentication options and sincronization.
- Pushed the team for technical excellence, quick tickets response and keep tech debt at minimum.
- Use of .NET microservices, Angular microfrontends, Cosmos DB, Azure SQL, Kafka, K8s, IdentityServer4 to design and implement solutions.
- Use of unit, integration, E2E tests and full CI/CD with feature flags to ensure quality and reliability

ESW (Contract)

Dublin, IE
Sep 2019 - Jan 2023

Senior Software Engineer

- Developed both front and back ends for different new applications (.NET, Angular).
- Developed libraries for teams. From security to databases and change detections.
- Developed authentication, authorisation and user management applications based partially on *IdentityServer4*.
- Developed the core components of ESW's *Design System* with **StencilJS** and **PostCSS**.
- Worked on many solution desigs for different features and projects.

Permanent TSB (Contract)

Cork, IE
Mar 2019 - Aug 2019

Senior .NET Developer

- Implemented Payment Services Directive 2 (.NET Core, IIS, TFS).
- Refactored old code to have a solid base for the future.
- Developed a test library for model validation. A similar implementation is on my *GitHub*.
- Developed code to SQL library to sync environments since EF Core migrations were not an option.
- Developed a logging, extendable, middleware with Serilog.
- Architected part of the infrastructure and policies of the project.

PassperTu

Asolo, IT
May 2017 - Mar 2019

Lead Developer

- Architected and developed cloud infrastructure for seach engine (.NET Core, NGINX, Docker, K8s, Azure).
- Designed and developed frontends to work with the cloud platform (Angular, Ionic).
- Built CI/CD pipeline for servers, clients and packages with Azure DevOps.
- Led and mentor a team of 5 developers of different experience and skillset.

Point Security Software

Castelfranco V., IT
Jun 2010 - May 2017

Frontend Developer

- Developed desktop, mobile and web user interface to manage alarm systems
- Developed a support ticketing platform, both backend and frontend.
- Designed mockup for all platform and mplemented low-level alarm system TCP protocols.

MAIN PROJECTS

Teaching

2024 - Now

- Teaching at Higher Technical Institute the Modern DevOps module
- Advanced git, CI/CD, Docker, K8s and AI.

CouchDB .NET

2019 - Now

- Developed an ORM to query and manage CouchDB from .NET (200k+ downloads).
- Used reflection and expression tree to convert *LINQ into JSON* much Entity Framework.

EDUCATION

University Of Padua

2013 - 2017

Bachelors

Computer Science

ITIS Barsanti

2008 - 2013

High School

Computer Science

SKILLS

Azure, .NET, EF Core, Cosmos DB, Angular, React, Docker, K8s, SignalR, Semantic Kernel