

SUNDHAR KARUNANIDI

London, UK | 07950 493848 | sundhardevkarunanidi@gmail.com

PROFESSIONAL SUMMARY

Mid/Senior Full Stack .NET Engineer with 6+ years of experience designing and delivering scalable, high-performance applications across regulated and enterprise environments. Strong expertise in .NET Core, C#, SQL Server, cloud-native architectures, and modern front-end frameworks including Vue and React. Experienced in event-driven systems, microservices, TDD/BDD practices, and commercial product development. Proven ability to contribute to greenfield teams, modernise legacy systems, and deliver customer-focused solutions.

TECHNICAL SKILLS

Languages & Frameworks: C#, .NET Core, ASP.NET, Entity Framework, Vue 2/3, React, TypeScript, JavaScript, Python

Databases: SQL Server, MongoDB

Cloud & DevOps: Azure, AWS (S3), CI/CD Pipelines, Git

Architecture: Microservices, Event-Driven Architecture, REST APIs, Contract-First APIs

Practices: TDD/BDD (NUnit, Moq), Agile/Scrum

CMS & Tools: Umbraco, Episerver, DataDog, JIRA, Confluence

PROFESSIONAL EXPERIENCE

Software Engineer – InfoTrack, London Waterloo | Nov 2025 – Present

Full Stack Developer within a newly formed commercial product team in a conveyancing technology company.

- Building scalable applications using .NET Core, Entity Framework, SQL Server, Vue 2 and Vue 3.
- Designed and implemented a high-performance email service for post-completion clients with templating and conditional send logic.
- Developed configurable email template settings to support multiple commercial workflows.
- Engineered a dynamic SDLT form with live edit/preview functionality generating HTML templates stored in AWS S3.
- Implemented rehydration logic to fetch and map persisted data back into saved forms with live updates.
- Used MongoDB to persist cross-session notes across long-running user workflows.
- Delivered multi-user theming within integrated browser views of legacy systems.
- Contributed to architectural decisions focused on performance, maintainability, and scalability in a greenfield team.

Software Engineer – BJSS / CGI, London | Mar 2023 – 24 Oct 2025

- Worked on large-scale gambling platform using event-driven microservice architecture.
- Designed and implemented REST APIs using .NET and TypeScript.
- Developed complex SQL procedures and optimised database performance.
- Practised TDD/BDD with NUnit and Moq to maintain high test coverage.
- Contributed to scalable distributed systems supporting high-traffic production environments.

Software Engineer – Vertical Aerospace, Bristol (Contract) | Oct 2022 – Mar 2023

- Developed prototypes for real-time aircraft data streaming to ground control systems.
- Created UML, sequence and block diagrams to support system design.
- Built Python test suites for packet integrity validation.
- Developed .NET APIs for Vertiport booking systems using Blazor.
- Contributed to onboard data system modifications and C++ streaming applications.

Full Stack Engineer – Felinesoft, Bristol | Jun 2021 – Oct 2022

- Led migration projects running dual Umbraco instances via reverse proxies and rewrite rules.
- Built recursive XML sitemap generators for video, image and blog content.
- Implemented Redis caching for performance optimisation.
- Integrated external CRM APIs and mapped data to CMS systems.
- Mentored junior developers and extended Umbraco programmatically in C#.

Software Engineer – Zone Digital, Bristol | Nov 2018 – Jun 2021

- Maintained enterprise-level microservices using React and .NET.
- Improved Core Web Vitals through lazy loading implementation.
- Delivered features via CI/CD pipelines in Agile teams.
- Extended Umbraco and Episerver CMS platforms.
- Used DataDog for log management and APM monitoring.

EDUCATION & CERTIFICATIONS

- Aerospace Engineering – University of Bristol
- Green Software for Practitioners (LFC131) – The Linux Foundation (2025)
- AWS Cloud Practitioner & Developer
- MTA: HTML5 Application Development Fundamentals
- BCS Software Development Methodologies