Contact   Email: nickcasadei@icloud.com   Phone: +447796002616   Location: St Albans, Hertfordshire

Nick Casadei

Senior Technical Consultant with 6+ years of experience bridging technical and commercial teams at enterprise scale. Specialising in API-driven solutions, solution architecture and translating complex client requirements into scalable, production-grade systems. Proven track record delivering payment integrations across European markets for 1.5M+ users, with expertise in technical solutioning and stakeholder management with both technical and non-technical audiences.

Experience

IBM - Senior Technical Consultant / Tech Lead on bp pulse
Dec 2023 - Present

- **Led technical discovery and solution design** for pre-authorisation payment integration, conducting requirements gathering sessions with internal stakeholders (bp Pay team, Platform, Security) and external partners (Charge Point Providers) to define scope, dependencies, and technical approach for a multi-market rollout.
- **Architected and scoped payment API integrations** across UK, DE, and ES markets, translating business requirements into detailed technical solutions, estimating complexity, and formulating implementation plans that delivered $8M in projected business value.
- **Technical owner for Payments domain**, serving as primary engineering point of contact for stakeholders, translating complex technical concepts for non-technical audiences, and ensuring solution alignment with business goals and compliance requirements.
- **Managed cross-functional relationships** with internal teams (Product, Engineering, Security) and external partners (CPOs, payment providers), facilitating technical workshops, aligning on integration standards, and ensuring seamless handoff from design to implementation.
- **Provided pre-implementation technical guidance and post-launch support**, resolving production incidents, addressing RFI (Request for Information) queries from partners, and continuously optimising payment flows based on operational feedback.

IBM - Technical Consultant (bp pulse & NHS)
Nov 2020 - Nov 2023

- Became the subject matter expert on the bp pulse UK charge flow by building strong relationships with the Charge Point Operator and gaining a deep understanding of the technical architecture.
- Trusted technical escalation point across product, engineering and support teams, resolving complex production issues and driving strategic improvements that reduced customer care calls by 58%.
- Designed and delivered production grade analytics and visualisation dashboards (GA4, Grafana) consuming real-time event streams and backend APIs, providing operational teams with actionable insights into charging, payment and error patterns.
- Developed NHS genomic medicine web app, replacing an error prone paper based genomic patient assessment process and reducing clinician diagnostic times by over 30% during an initial trial.

Skills

Technologies

Frontend:
JavaScript, TypeScript, React, React Native, Next.js, CSS, HTML
Backend: Node, Express, GraphQL, PostgreSQL, Redis, REST, CMS (Strapi), LLM integrations
Devops & Cloud: AWS (Lambda, DynamoDB, Aurora DB, Kinesis, API Gateway), Azure DevOps, Grafana, Kubernetes, Firebase, Supabase
Testing: Jest, Maestro, App Store Connect, Google Play Store

Languages

- English (Fluent)
- Italian (Fluent)

Competencies

- Application development
- Distributed team collaboration & management
- Payment systems: pre-auth, wallet & subscription flows
- Agile ways of working (Scrum & Kanban)
- Incident management
- Presenting & technical storytelling
- Technical leadership
- Developer & QA enablement

Educational Background

BEng Electronic and Communications Engineering with a year in industry, University of Kent
Sep 2016 - Jun 2020

- First Class Honours achieved