

# DIOMIDIS ANADIOTIS

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## PROFESSIONAL SUMMARY

Senior Software Engineer with 7+ years building scalable enterprise systems at Europe's largest independent automotive company. Led architecture design and implementation of customer-facing applications serving 221k+ monthly users, delivering £30M+ business value through technical innovation. Expert in C#/.NET microservices architecture, cloud infrastructure (Azure/AWS), and DevOps practices. Proven technical leader with experience mentoring development teams, driving cross-functional collaboration, and translating complex business requirements into robust, maintainable solutions. Strong background in CQRS/event sourcing patterns, legacy system modernization, and enterprise-scale system integration.

## AREAS OF EXPERTISE

Backend Development  
Microservices Design  
C# .NET Development  
Stakeholder Management  
Azure & AWS

System Architecture  
Cloud Infrastructure  
Database Design  
Team Mentoring  
Kubernetes & Docker

Technical Leadership  
DevOps Practices  
API Integration  
Agile Methodologies  
Event-Driven Architecture

## KEY ACHIEVEMENTS

- Delivered mobile application launch in 2024 serving 221,000+ monthly active users with high availability and scalability
- Architected omni-channel service booking platform processing 220,000+ annual bookings via web and mobile applications
- Led OWA system implementation generating 360,000+ work approvals with 40% approval rate, delivering £30M business value over 2 years
- Designed and implemented resource management system supporting 200+ branches across the country with integrated pricing matrix and recommendation engine
- Increased vehicle service work sales conversion rates to double-digit percentage year-over-year through system optimization and integration

## EXPERIENCE

**Arnold Clark**  
*Software Engineer*

Glasgow, UK –Remote  
*Dec 2021–Present*

- Architected and delivered customer-facing applications serving hundreds of thousands of users for Europe's largest independent automotive company. Led full-stack development from inception to MVP release on business-critical enterprise systems, including mobile application launch achieving 221k monthly active users and omni-channel service booking platform processing 220k+ annual bookings.
- Architected and implemented microservices architecture using CQRS and event sourcing patterns, designing 12+ independent services handling 50k+ daily transactions. Led monolith-to-microservices migration strategy, reducing system coupling and improving deployment frequency from weekly to daily releases. Collaborated with cross-functional teams including Product, DevOps, and QA to ensure engineering decisions balanced technical debt, system stability, monitoring requirements, and business objectives. Established service mesh communication patterns and implemented distributed tracing for enhanced observability.
- Mentored 8+ junior developers and placement students through structured technical guidance, code reviews, and knowledge sharing sessions. Authored comprehensive technical documentation and conducted biweekly 'lunch and learn' demonstrations on advanced topics including microservices patterns, testing strategies, and performance optimization. Built team capability through hands-on training resulting in 100
- Led cross-functional development teams of 3-5 engineers across complete project lifecycles, from architectural planning to production deployment. Owned complete workstreams overseeing junior developers and coordinating deliverables on tight deadlines. Managed go-live projects by liaising with customers and stakeholders, providing rapid troubleshooting and solution delivery. Established team standards for code quality, testing practices, and deployment procedures that reduced production incidents by 40

- Integrated with 3rd party vendors and internal systems to deliver seamless omni-channel experiences connecting service bookings, payment processing, and customer communications. Implemented Infrastructure as Code (Terraform) for on-premises and cloud deployments, reducing deployment time from 4 hours to 15 minutes. Developed integration solutions providing technicians access to vehicle-specific data including wiring diagrams and engine schematics, contributing to double-digit year-over-year improvement in service sales conversion rates.

*Associate Software Engineer (Hybrid)*

*Dec 2019–Dec 2021*

- Developed multiple features for large-scale internal and public-facing systems, writing clean, SOLID-principles oriented, and well-tested code. Created new APIs, enhanced existing functionality, and maintained legacy systems while ensuring high code quality and comprehensive documentation.
- Collaborated effectively across departments including service desk, product teams, database reliability engineers, platform engineering, finance, marketing, and 3rd party vendors. Represented technical team in stakeholder meetings and translated business requirements into technical specifications.

*Systems Analyst (On Site)*

*Dec 2017–Dec 2019*

- Analyzed and evaluated business processes and systems as part of Aftersales business support team. Translated business requirements into detailed technical specifications, assessed system capabilities, identified improvements, and proposed technical solutions aligned with business goals.
- Coordinated between business stakeholders and IT development teams to ensure proposed solutions were technically feasible and business-aligned. Worked closely with Digital development teams, project managers, and IT stakeholders to troubleshoot issues and optimize system performance.

**City Unity College**

Athens, Greece

*Research Assistant in Cognitive Computing/Computational Psychology*

*Jan 2015–Sep 2015*

- Developed cognitive research software focusing on the Euclidean Travelling Salesman Problem utilizing Eyetrack eye tracker for real-time cognitive process capture. Conducted selective attention experiments and analyzed data using R and RStudio, creating visualizations and models for cognitive insights in interdisciplinary research environment.

*IT Systems Engineer*

*Feb 2012–Jan 2015*

- Managed network infrastructure and administered Windows/Linux servers and MSSQL Server environments. Automated educational course live streaming and recording using PowerShell and Bash scripting. Developed comprehensive backup and recovery documentation supporting compliance audits.

## EDUCATION & CERTIFICATIONS

**University of Glasgow**

Glasgow, UK

*Master of Science in Information Technology (PgCert)*

*Sep 2016–Sep 2017*

Relevant modules include advanced programming, databases, software engineering, systems and networks, software project management, algorithms, data structures and cyber security

**City University of Seattle**

Seattle, USA

*Bachelor of Science in Information Systems (ABET Accredited)*

*Sep 2011–Jun 2016*

Relevant modules include computer science, statistical computing, network communications, operating systems, web design and cloud computing, data analytics and IT compliance

## TECHNICAL SKILLS

**Programming Languages:** C#, JavaScript (ES6), TypeScript, T-SQL, PowerShell, Bash, HCL (Terraform), Groovy (Jenkins)

**Backend & Frameworks:** .NET Core, ASP.NET, Entity Framework Core, RESTful APIs, GraphQL, Microservices, CQRS, Event Sourcing

**Cloud & Infrastructure:** Azure (Functions, Service Bus, DevOps), AWS (Lambda, S3, EKS), Kubernetes, Docker, Terraform, IaC

**Data & Messaging:** MS SQL Server, Redis, CosmosDB, RavenDB, Event Store, Azure Service Bus, RabbitMQ, Kafka

**Architecture Patterns:** Domain-Driven Design, SOLID Principles, Event-Driven Architecture, API Design, System Integration

**Testing & Quality:** TDD, NUnit, Cypress, Newman, Integration Testing, End-to-End Testing, Performance Testing

**DevOps & Monitoring:** CI/CD Pipelines, New Relic, Elasticsearch, APM, Logging, Alerting, Infrastructure as Code

**Frontend & Web:** React.js, Gatsby, HTML5, CSS3, OAuth2, JWT, SAML

**Leadership & Process:** Agile Methodologies, Scrum, Stakeholder Management, Technical Mentoring, Code Reviews