**Richard Day**

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### **Professional Summary**

*A highly skilled software developer with* ***5+ years of experience*** *in full-stack development, CI/CD automation, and cloud-based solutions. Proven expertise in .NET, C#, Angular, and Azure DevOps. Passionate about delivering scalable, high-performance applications. Currently seeking a challenging role in a fast-paced tech environment.*

### **Professional Experience**

**Mid-Level Full-Stack Developer | INTO Global**

*October 2022 – February 2025*

As a mid-level developer, I contribute to a dynamic team, focusing on full-stack development, CI/CD pipeline automation, and delivering globally accessible applications.

* **Angular/.Net Development:** Co-developed a responsive Angular front-end and robust .NET REST API, delivering scalable features for production use; integrated CI/CD via Azure DevOps to streamline delivery.
* **Team Collaboration & Knowledge Sharing**: Actively foster knowledge sharing and contribute to team success through collaboration and integration of best practices across development tasks.
* **Infrastructure as Code & CI/CD:** Leveraged Terraform to automate the provisioning of Azure Container Apps while significantly improving release cycle by 70%.
* **Event-Driven Architecture**: Utilized Event Grid to enable asynchronous communication between microservices, improving system decoupling and fault tolerance. Developed event-driven patterns in the .NET backend to handle real-time data processing and automation, ensuring efficient event handling and reduced latency.

**Junior Full-Stack Developer | Polygon UK Ltd**

*August 2020 – October 2022*

Transitioned from IT support to full-time development, contributing to large-scale projects and honing skills in cloud-based technologies and agile development.

* **Angular/.Net Development:** Assisted in building and maintaining an Angular front-end and .NET REST API for web applications, contributing to feature development and bug fixes; supported deployment using Azure DevOps pipelines
* **Cloud Migration**: Key contributor to migrating the company’s on-premises Server 2008 architecture to Microsoft Azure App Services.
* **Database Modernization**: Led the migration of a production Access database to Azure SQL, and developed a .NET Core API with MVC front-end to manage the data, significantly improving system efficiency.
* **Microservices Development**: Built an Angular app used in production by technicians, integrated into a .NET BFF, following microservice architecture principles for scalability and maintenance.
* **Clean Architecture:** Designed and developed scalable, maintainable, and modular solutions by adhering to clean architecture principles. Implementing well-structured domain layers to improve maintainability and system resilience.

**IT Support Engineer | Polygon UK Ltd**

*December 2016 – February 2020*

Delivered high-quality IT support while transitioning into a developer role by expanding technical knowledge and learning code in my spare time.

* **Tech Troubleshooting & Support**: Provided 1st line support for hardware and software issues, ensuring system reliability for business operations.
* **Professional Growth**: Leveraged IT experience to transition into software development, taking the initiative to learn coding and pursue advanced technical challenges.

**IT Support Engineer | Systematic Business Solutions Ltd**

*October 2010 – April 2014*

Provided **on-site technical support** at client locations, installing and configuring servers, networking equipment, and workstations.

### **Technologies and Skills**

* **Patterns and Methodologies:** Hands-on experience working in Scrum teams, applying Agile best practice. Clean Architecture, DDD, SOLID, YAGNI, DRY, Gang of Four design patterns.
* **Programming Languages & Frameworks:** Proficient in .NET, **C#**, **TypeScript**, **Angular, React**, Some Nuxt, JavaScript, with solid experience in SQL, **Terraform**, YAML, Tailwind, Bootstrap.
* **Cloud Platforms:** Extensive experience with Azure services specifically App Services, Container Apps, AKS (Kubernetes), Logic apps, Azure Functions, Event Grid. Identity, Azure Cognitive Search, Cosmos Db, Azure SQL, Azure DevOps (**CI/CD**). Firebase and Docker.
* **Testing & Quality Assurance:** Expertise in integration testing, as well as performance and load testing using K6 and browser automation using Chrome WebDriver, Swagger.
* **Databases & Search Technologies:** Strong knowledge of SQL Server, Cosmos DB, Gremlin (Graph databases), Azure Cognitive Search. Experience using Entity Framework and Stored Procedures.