

# Curriculum Vitae

## Personal Information

- **Full Name:** James Edward Randel
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## Professional Summary

Enthusiastic and detail-oriented software developer with 5 years of hands-on experience in building modern applications using **C#**, **.NET MAUI**, **Blazor**, and the wider **.NET ecosystem**. Experienced in designing, developing, and deploying cross-platform mobile and web applications. Adept at collaborating with cross-functional teams, translating business needs into scalable solutions, and delivering high-quality software on time.

## Technical Skills

- **Languages:** C#, SQL, JavaScript, HTML, CSS
- **Frameworks & Tools:** .NET 6/7, .NET MAUI, Blazor, Entity Framework Core, ASP.NET Core, Xamarin (legacy), Azure DevOps, Git, Docker
- **Databases:** SQL Server, SQLite, PostgreSQL
- **Other:** REST APIs, CI/CD pipelines, Agile/Scrum methodologies

## Work Experience

### Software Engineer

#### Bluewave Solutions Ltd, Manchester, UK

*June 2021 – Present*

- Developed a **cross-platform mobile application** for logistics tracking using **.NET MAUI**, enabling real-time updates and offline functionality.
- Built a **customer self-service portal** with **Blazor Server**, allowing clients to manage accounts, track deliveries, and raise support tickets.
- Led the migration of legacy Xamarin.Forms apps to **.NET MAUI**, reducing technical debt and improving performance by 30%.

- Implemented CI/CD pipelines in **Azure DevOps**, reducing deployment times from 2 hours to 20 minutes.
- Mentored junior developers on Blazor component design and best practices in C#.

### Key Project:

- *FleetTrack Pro*: A mobile-first solution for fleet management companies, integrating **GPS APIs** and push notifications. The app increased operational efficiency by 25% for major clients.

## Junior Software Developer → Software Developer

### Northbridge Technologies, Leeds, UK

May 2018 – May 2021

- Designed and developed **internal web applications** in **ASP.NET Core** with **Blazor WebAssembly** for HR and finance teams.
- Enhanced reporting capabilities using **Entity Framework Core** and **SQL Server** stored procedures.
- Worked closely with UX designers to implement responsive **Blazor components**, improving user engagement.
- Supported the transition of in-house desktop apps to **web-based Blazor applications**.
- Participated in Agile ceremonies, contributing to sprint planning, estimation, and retrospectives.

### Key Projects:

- *StaffHub*: An internal HR management portal built with **Blazor WebAssembly**, integrating role-based access control and document management.
- *FinanceFlow*: A financial reporting dashboard leveraging **Blazor Server** and **SQL Server**, improving financial data visibility and reducing reporting turnaround time by 40%.

## Education

### BSc (Hons) Computer Science

University of Manchester, UK

2014 – 2017

## Certifications

- Microsoft Certified: **.NET Developer Associate** (2022)
- Azure Fundamentals (AZ-900) (2021)

## Personal Interests

- Open-source contributions to **Blazor community projects**.
- Blogging about .NET and software development trends.
- Hiking and photography.