



# JAMES PICKUP

Development Team Lead | CHESTER, CH23FB | 07792540861

## DETAILS

16 Hoole Gardens, Chester, CH23FB  
07792540861  
[jamespickup2@gmail.com](mailto:jamespickup2@gmail.com)

## LINKS

[www.jamespickup.co.uk](http://www.jamespickup.co.uk)  
[www.linkedin.com/in/jamespickup1](https://www.linkedin.com/in/jamespickup1)  
[www.github.com/CherryCoder91](https://www.github.com/CherryCoder91)  
[www.gitlab.com/CherryCoder91](https://www.gitlab.com/CherryCoder91)

## SKILLS

C#

.Net Framework (4.0 – 4.7.2)

.Net Core (2.2 – 3.101)

.Net Standard

WebApi (REST) | gRPC

Angular | Typescript

Amazon Web Services

Microsoft Azure

Unit Tests | Automated Tests

Microservice Architecture

Monolithic Architecture

## HOBBIES

Gym, Gaming, Mountain Biking

## PROFILE

A Software Engineer with an eccentric addiction to technology, backed by a Computer Science degree, enterprise experience and a huge stash of coffee.

Interested in 3D rendering, cloud platforms and challenging the great unknown.

Main Skills:

- Software Development, Application Architecture, Cloud Services (AWS/Azure).
- Microservices, distributed computing, cloud infrastructure.
- Team leadership, mentoring and project management.
- AGILE, SCRUM, SOLID, TDD, Design Patterns.
- .NET, C#, Typescript, VB.Net, VB6.
- WebAPI, REST, gRPC.
- Git, Jira, Confluence, Jenkins.
- Angular Evangelist.

## EMPLOYMENT HISTORY

### Development Team Lead at Relex Solutions

January 2017 — Present

Development Team Lead and Cloud Architect - Design, Document, and Implement Relex Store platform under a microservice architecture using a hybrid of AWS and Azure technologies. Leading a team of developers across several countries. Mentoring the team including internal tech talks. Continuing to consider and evaluate appropriate solutions for growing micro-service architectures and learn key emerging technologies such as software containerization and orchestration to challenge the status quo and build a market leading solution.

### Senior Software Developer at Relex Solutions

January 2016 — January 2017

Moving to Senior software developer my role matured to help direct the companies new development direction towards a cloud architecture and ultimately a SAAS platform. Specialist knowledge and experience with Angular 2 was the main deliverable skill set but is also supported by the use and implementation of other key technologies: Amazon Web Services (AWS), MySQL, DynamoDb, Aurora (MySQL), Redis, AspNet WebApi (Restful), Three.js, SignalR and much more. This role also included implementing the core baseline functionality of a unique data driven, fully interactive and real-time collaborative rendering engine alongside another key developer. This was for a HTML5 environment with an angular 2 web application and is "Bleeding Edge" technology.

### Software Developer at Relex Solutions

September 2014 — January 2016

After migrating up to the role of software developer extra responsibilities were introduced, including taking ownership of key development areas such as managing the Installshield packages and a key Silverlight application while simultaneously working on a large and multi facet flagship product. This extended my skillset into WCF, Silverlight and installation architecture's while also working with complex and elaborate algorithms that also had to be engineered for performance both in terms of resource (memory) and execution speed. Some R&D work was also done with Angular JS.

### Graduate Software Developer at Relex Solutions

August 2013 — September 2014

In 2013, I decided to leap away from my previous platform of choice, Objective-C and the cocoa touch framework in favor of new challenges. I joined Galleria-RTS where I was Initially appointed as Graduate Software Developer. The roles initial focus centered around full-stack C#, .Net, WPF development including database technologies such as T-SQL and VistaDb. This included both bug fixing of existing multiple application suite software and the development of new features including a logically complex notification system.



## EDUCATION

### Bachelor of Science (BSc) First Class Hons, University of Chester

September 2010 — July 2013

Computer Science Student whose dissertation topic was development of an iOS application which implemented a 360° panoramic engine created using native iOS technologies (QuartzCore).

Modules studied include:

- Advanced Programming
- Further Programming and Problem Solving
- Games Programming
- Modern Database Management Systems
- Database Principles and Practice
- Web Based Technologies
- Managing a Web Based Environment
- Computer Systems and Networks
- Systems Development
- Multimedia Authoring
- Investigation and Research



## SKILLS

### API / Programming:

C#,  
.Net Framework (4.0 – 4.7.2)  
.Net Core (2.2 – 3.101)  
.Net Standard  
WebApi (REST)  
Docker (Software Containerisation)  
Kubernetes (Container Orchestration)

### Frontend / UI:

Angular (v2 – v9)  
SignalR (Websockets)  
Web Assembly  
Typescript  
RxJS  
Three.js

### Amazon Web Services:

S3, SQS, Lambda Serverless, EC2, RDS, DynamoDB, ElastiCache, CloudFront, VPC, CloudDeploy, Athena, Glue, Load Balancer, App Stream

### Microsoft Azure:

SignalR, Azure Functions, Azure Service Bus, Cosmos DB, Blob Storage

### Data Store / Event Bus:

RabbitMQ  
Redis  
DynamoDB  
MySQL  
T-SQL

### Unit and Automated Tests

NUnit  
xUnit  
Jasmine, Karma  
Fluent Assertions  
Moq  
Specflow  
Selenium  
Tesseract

### Monitoring & Logging

Prometheus  
Grafana  
Serilogger  
Sumologic



## Version Control

Git (BitBucket, Gitlabs, GitHub)  
SourceSafe

## Architecture

Microservice Architecture's, Monolithic Architecture

## Tools

Visual studio 2010 – 2019, Visual Studio Code, Jenkins, Gitlab Pipelines, ReSharper, Postman, GitKraken, SourceTree, WSL & WSL2



## REFERENCES



### Alvaro Silva from Relex Solutions

aratirn@gmail.com | 07949038814

### Nathyn Haywood from Relex Solutions

wagghh@hotmail.com | 07709581170