

## Contact

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## Education

### BSc Computer Science

University of Surrey | First Class

#### KEY MODULES

Software Engineering · Advanced Algorithms · Advanced Challenges in Web Technologies · Project Management · Computer Security

#### DISSERTATION TOPIC

BLOOMPASS: A Typo-Tolerant Password Scheme with Bloom Filter for Efficient Many-To-One Storage

The open source code is available here:

<https://github.com/tamimalmahdi/bloompass>

## Skills

ASP.NET, C#, .NET CORE · Java · SQL and SSMS · React.js, JavaScript and Bootstrap · NodeJS and Python backend · Docker

Agile and Scrum SDC · Packaging Software · Creating and testing RESTful APIs · Windows Services

# Tamim Almahdi

## Software Developer

BSc Computer Science | First Class

Results-driven .NET Developer with over two years experience in software development, application design, and maintenance using JS, C#, .NET Core, and SSMS SQL. Proficient in crafting web and business intelligence solutions. Skilled in requirements analysis, design, development, testing, maintenance, and enhancement of business applications. Committed to delivering well-designed, seamless applications from initial development to final testing and implementation. Confident to contribute to the success of any organization's software development projects.

## Experience

### Vega Technology | Reading

#### Software Developer

Sep 2023 - Present

Developed client solutions as a junior developer on .NET, JS and SQL stack to ensure clients in the finance sector are provided with the best solution from start to finish.

#### Key Responsibilities:

- Ensure the design, release and test of software of high standard
- 6 months experience using Microsoft technologies such as C#, ASP.NET, .NET Core development
- Developing Proof of Concept materials for client demonstrations
- Work on back-log bug fixes and enhancements

#### Achievements:

- Developing bespoke finance software solutions for various clients
- Multi-thread the task scheduler to handle multiple instances
- Create windows service architectures with inheritance from a base service

**Skills:** .NET Core · C# · ASP · SQL · JavaScript · Windows Services

### IBM | Winchester

#### Full-Stack Developer

Jul 2021 - Sep 2022

14-month internship placement position with IBM as part of technical development team that provides virtual machines & environments for client demos and workshops.

#### Key Responsibilities:

- Develop IBM software solutions into private clouds using React, PHP, Node.js and VMWare
- Collaborated within the development team and worked on web-based booking platform
- Implemented RESTful APIs while using Postman for testing
- Managed cloud deployments app versions of various applications
- Utilize Docker containers for encapsulating applications and image management

#### Achievements:

- Co-Lead the design, development, launch, maintenance, testing for React application for our fellow IBM colleagues to request demo & workshop templates
- Collaborated with fellow interns to re-vamp legacy intern progress tracking application from PHP to ReactJS and Laravel back-end

**Skills:** SQL · DevOps · Teamwork · Time Management · JavaScript · React.js · RESTful APIs

## University Projects

### Best-Listens | Music Rating app

Developed a social network integrated music rating application using the Spotify API

#### Contributions:

- Implemented User authentication micro-service in Node.js with Spring and Express libraries
- Dockerized the entire application and demonstrated tool to group
- Assist in creating the Feed microservice using Python with Flask

### Crime-Eye | Crime Density View app

Developed a crime density view application via map and pin point icons using the Police API

#### Contributions:

- Implemented the Crime information from JSON data gathered from API
- Develop chart view for crime statistics using JS classes
- Design and implement crime icons