

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

C#, ASP.NET, .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 · CI/CD

Certifications

AZ900 - Azure Fundamentals

Tamim Almahdi

Software Developer

BSc Computer Science | First Class

Results-driven Software Developer with over 2.5 years experience in software development, cloud solutions, and application deployment using technologies like JavaScript, C#, .NET Core, and SQL. Proficient in hybrid cloud platforms, automation workflows, and DevOps practices, with a strong focus on client co-creation and delivering scalable enterprise solutions. Committed to leveraging technical expertise to drive business value and accelerate client transformation in fast-paced, collaborative environments. Confident to contribute to the success of any organization's platform and software projects.

Experience

Vega Technology | Reading

Software Developer

Sep 2023 - Present

Key Responsibilities:

- Developed client solutions on .NET, JS, and SQL stack to ensure high standards and meet client needs in the finance sector.
- Engaged in full software development lifecycle, including designing, releasing, and testing high-quality software.
- Collaborated on Proof of Concept materials for client demonstrations, ensuring technical alignment with client requirements.

Technologies: .NET Core · C# · ASP.NET · SQL · JavaScript · Windows Services · Azure DevOps.

Achievements:

- Created bespoke finance software solutions, optimizing application performance.
- Designed multi-threaded task schedulers for high-load financial applications.
- Architected robust Windows service architectures with modularity for easy scaling and deployment.

IBM | Winchester

Full-Stack Intern

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:

- Developed IBM software solutions using modern tech stacks, including React, PHP, Node.js, and VMWare.
- Collaborated within the development team and worked on web-based booking platform
- Played a key role in implementing RESTful APIs and managing cloud deployments across various applications.
- Co-led the design, development, and testing of critical applications, showcasing IBM technology in client-facing demos.

Achievements:

- Spearheaded a project revamp from PHP to ReactJS, enhancing application performance and user interface.
- Successfully deployed containerized applications using Docker, improving scalability and deployment speed.
- Contributed to the transition of virtual environments for client demos, streamlining IBM's customer engagement processes.

Technologies: SQL · DevOps · JavaScript · React.js · RESTful APIs · CI/CD

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 libraries**
- Design and implement crime icons