

# Hamid Ghader

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## ABOUT

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I am a software engineer with 15+ years of experience in delivering software systems for a wide range of business domains. I have worked as a software developer and a technical lead, involved in different phases of software development from inception to delivery.

I am a proficient coder in several programming languages. I am familiar with modern application architectures and concepts, including Microservices, Event Sourcing and CQRS, MVC, Reactive Programming, and Domain-driven design. I am particularly interested in design and development of Cloud-native distributed systems.

## SKILLS

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**Languages:** Go C# JavaScript/TypeScript Visual Basic

**Databases:** PostgreSQL SQL Server MongoDB Oracle Elasticsearch Redis

**Messaging:** Kafka NATS gRPC Protocol Buffers RESTful API JSON XML

**Operations:** AWS Kubernetes Docker CI/CD Git Terraform Prometheus Grafana

**Web:** ASP.NET (WebForms/MVC) Express.js HTML CSS Chrome Extensions Selenium WebDriver

## EXPERIENCE

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### Aug 2019 - Present, Senior Software Engineer, Uswitch (London, UK)

- Main contributor of the Energy Savings Calculator. A highly concurrent service written in Go that makes millions of comparisons every day to help customers save money on their bills. Drives 15% of the company's energy comparison revenue.
- Contributed in migrating over 25 services between Kubernetes clusters with 100% availability in mind.
- Worked on the Customer Store. A central repository to store all customers data with an aim to simplify data analysis, GDPR processing, and cross-selling.

## **2018 - 2019, Software Engineer, Utility Warehouse (London, UK)**

- As part of the Energy Team, delivered various microservices using Go, Kafka, Protocol Buffers, and gRPC for the new Smart Metering platform.

## **2014-2018, Technical Lead, Geeks Ltd (London, UK)**

- Successfully delivered numerous mission-critical client projects on time and on budget.
- Involved in full software development life-cycle of multiple projects. Interacted with PMs and BAs in UX design/wireframing process, project/sprint planning, providing estimations, and task delegation.
- In charge of technical direction of projects, transforming client requirements into technical concepts, making architectural and design decisions, and reporting to directors.

## **2010-2013, Senior Software Developer, Geeks Ltd (London, UK)**

- Involved in day-to-day coding, debugging, testing, deployment, and maintenance of client projects.
- Contributed to company's growth through knowledge sharing and training new developers.

## **2004-2009, Software Developer, Various companies (Tehran, Iran)**

- Provided a software solution to Cutting Stock Problem (CSP) using Genetic Algorithms, used by aluminium door and window makers to minimise their cutting waste.
- Redeveloped legacy MS Access accounting and stock management systems using C# and SQL Server with a focus on improving user experience.

## **EDUCATION**

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### **MSc Information Systems Development**

- 2010-2011, London Metropolitan University (London, UK)

### **BSc Applied Computer Software**

- 2004-2007, Shamsipour Institute of Technology (Tehran, Iran)
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