

# HASAN CAN SARAL

## EXPERIENCED SOFTWARE DEVELOPMENT CONTRACTOR & TEAM LEAD

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**MSc. Management at London Business School, BSc. Computer Science and Engineering**

**LANGUAGES:** Turkish (Mother Tongue), English, French, Italian

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A result-oriented, entrepreneurial and engaging technology professional with proven experience in B2B software development as a contractor, marketing and data-driven decision making. Track record in software development team leadership with hands on involvement in development processes. Effective communication with and direct influence on senior management, key stakeholders and external partners to invest in IT and digital propositions.

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### SOFTWARE DEVELOPMENT CONTRACTOR / TEAM LEADER PROFILE

- **Software Development:** RESTful microservices architectures using Java 8, and with Spring/Spring Boot frameworks. Experience with HTML/CSS/JS (specifically AngularJS, Angular and Ionic for mobile) projects.
- **AWS:** Currently hosting a couple of VMs on EC2, using ECR to deliver my work to my clients as well as hosting some of my work on ECS, and with load-balancing/service discovery with Route 53.
- **CI/CD:** Atlassian Bamboo is my go-to CI/CD tool. I've also experienced using Jenkins.
- **SQL/NoSQL:** Confident using SQL effectively (prefer to write my queries, especially when table/database sizes are big) even though I can use ORM tools e.g. Hibernate/JPA. I constantly work with queries running on tables with more than 10m+ rows and continuously improve indexes, create materialized and indexed views to improve query performance. I've successfully completed projects with MS SQL Server, MySQL and Oracle. Hands-on experience with Elasticsearch and MongoDB.
- **Unix:** Capable working in Unix environment. Except for a couple of clients where I delivered my work via Docker containers (through ECR, in addition to the source code via Git), I've been using CentOS and Ubuntu Server where my assistance in software deployment is needed.
- **Team Leadership:** Built high-performing technical teams; recruitment, development, skills training and knowledge sharing.

### SOFTWARE DEVELOPMENT CONTRACTOR/ TEAM LEAD – Nerodata Ltd. (TR-EU) **March 2015-PRESENT**

- **Web and Data Analytics:** Implemented web analytics software and improved data analytics capabilities, data capture, predictive models and customer survey feedback to target key actions on pain points and user experience, for a London based fintech start-up.
- **Open-source Software:** An active contributor to a couple of open-source software projects (primarily, Drools of Red Hat) and effective use of open-source software when delivering my work.
- **User Experience Optimisation and Technical Guidance:** Improved user experience and conversion rates through A/B (split) testing, usability testing and landing page optimisation for a healthcare start-up.
- **End-to-end Tech Stack Development:** Completed numerous enterprise-grade Java back-end projects (using Spring Boot), as well as a couple of front-end projects using AngularJS (converted to Angular later on). When needed, expanded the team of contractors to 3 (hired 2 software engineers to develop the end-to-end solutions for banking clients. Internalization of the product to increase multi-market adoption.
- **Team Leadership:** Recruited and extended the team of software developers to 3 software engineers for a turn-key experience for my clients, led the technical team developing data models, RESTful APIs and web/admin interfaces.

### SOFTWARE DEVELOPMENT SPECIALIST - KocSistem Info. Comm. Services Inc. (TR) **Jan 2014-Aug 2014**

- **Customer Experience:** Trusted by the management to support client communication and led presentations for Arcelik/Beko Android application. Maintained an active client relationship for continuous requirement analysis and led the user experience analysis.
- **Requirement Analysis and Full Stack/Frontend Engineering:** Assisted requirement analysis for the company's latest e-government project by pursuing cross functional team interviews. Contributed to full stack and frontend software development of the project. Technology stack: ASP.NET MVC Framework, Entity Framework, WCF, Windows Services, Schema/Schematron, Cloud architecture.
- **Cross Platform Mobile Integration:** Developed a platform and device independent mobile client for HP's Service Manager software. Technology stack: .NET, HTML5, Microsoft SQL Server jQuery Mobile.

#### **SOFTWARE DEVELOPMENT CONTRACTOR/ TEAM LEAD - Cizgi TAGEM Ltd. (TR)     June 2011-Dec 2013**

- **E-publishing:** Technically designed and led the development team (by being the lead developer with hands-on management style) of e-publishing suite, enabling clients to publish their hard copies on mobile platforms. Technology stack: .NET (C#), iOS SDK (Objective-C).
- **Location-aware Mobile Applications:** Developed mobile application capabilities enabling clients for GEO-fencing (location-aware decision making) and GEO-aware, location-specific content delivery). Technology stack: .NET (C#), iOS SDK (Objective-C).
- **Performance Metrics:** E-publishing suite is preferred by 2 newspapers with weekly sales of 130,000, enabled them to cut down monthly mobile publishing costs by 40%. Location-aware mobile middleware created **6% usage uplift** for a coupon marketplace provider. Mobile software consultancy services are purchased by 1 Turkish mainstream TV channel.

#### **NETWORK OPERATIONS INTERN - Turkcell Communication Services Inc. (TR)     July 2012-Sept 2012**

- **Router Access Software Implementation:** Conceptualised and implemented a web-based .NET application to assist Network Operations Division. Reduced the access time for a group of routine procedures by 30%. Technology stack: C#, .NET, SSH.NET. Leveraged Microsoft Web technologies and SSH protocol knowledge.

#### **EDUCATION & PROFESSIONAL DEVELOPMENT**

**Masters in Management (Master of Science, MSc)** - London Business School, United Kingdom, 2015

**Key Modules:** Management Analysis and Systems, New Technology Ventures, Corporate Strategy, Leadership in Organisations

**Computer Science and Engineering (Bachelor of Science, BSc)** - Sabanci University, Turkey, 2013

**Thesis Subject:** "Integrating mobile setting into modern classroom environment", Published in Procedia, Social and Behavioural Sciences magazine and presented in International Conference on New Horizons in Education, Rome, 2013

**Interests and Cause:** Amateur photography, traveling, sports management (Galatasaray Sports Club congress membership), Turkish IT Association membership, volunteer work at Metin Sabanci Daycare Center - providing social and physical rehabilitation support to children with cerebral palsy disease.