Please contact me via email, SMS or voicemail. Thanks for your understanding.

F.A.Q.

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| Date Available | 03/02/2020 |
| Preferred Location | Cambridge |
| Visa Type | ECAA [more info](https://www.gov.uk/turkish-business-person) |
| Work permit - Contract | Yes |
| Work permit - Permanent | None |
| Self-employment type | Limited company |
| Company name and # | Quakesoft Ltd / 11124412 [more info](https://beta.companieshouse.gov.uk/company/11124412) |
| Nationality | Turkish |
| SC | None |
| Exclusive interest in contracts outside IR35 | Yes |
| Driving license | UK – full |
| Car | Yes |
| Technology preference | None |
| Willing to crossover to other technologies | Yes |
| Industry preference | None |
| Front/Back-end preference | None |

Contact Info

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| --- | --- |
| Full name | Enis Ozgit |
| Phone no | 07544 402138 |
| Address | Cambridge CB23 8TE |
| email | [eozgit@gmail.com](mailto:eozgit@gmail.com) |

Experience

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| C# | 5+ years |
| JavaScript | 5+ years |
| SQL Server | 5+ years |
| .Net | 5+ years |
| React | 1 year |
| Redux | 1 year |
| Redux-Saga | 1 year |
| Jest+Enzyme | 1 year |
| Flow | 1 year |
| jQuery | 5+ years |
| Node.js | 3 months |
| WebSocket | 3 months |
| PHP | 2 months |
| Angular | 3 months |
| TypeScript | 3 months |
| NHibernate | 1 year |
| Docker | 2 years |
| Git | 2 years |
| TFS | 5+ years |
| SVN | 1 year |
| Puppeteer | 1 year |
| Jasmine | 3 months |
| AWS | 1 year |
| Azure | 5 months |
| Rest API | 3 years |
| CI/CD, continuous integration | 3 years |
| SASS, LESS | 2 years |
| npm | 2 years |
| Jenkins | 2 years |
| CircleCI | 1 year |

Code samples

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| Repository | [Company Github](https://github.com/quakesoft), [Personal Github](https://github.com/eozgit) |
| Angular sample | [Geospatial app](https://quakesoft.github.io/GISDemo/) |
| React sample | [Conway’s Game of Life](https://jsbin.com/gihuhirixe/1/edit?js,output) |
| C# & JavaScript samples | [Questions](https://goo.gl/W5a5nV) [A1](https://codepen.io/anon/pen/bvBypQ?editors=0012) [A2](https://dotnetfiddle.net/DPkKhI) [A3](https://codepen.io/anon/pen/MVJgBK?editors=0011) |
| Canvas rendering sample | [Flocking simulation](https://jsbin.com/hobexevogo/edit?js,output) |

Certification

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| [Mathematics for Machine Learning: Linear Algebra](https://www.coursera.org/account/accomplishments/verify/L4GYJN5QJZDR) |

Education

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| Bosphorus University  Istanbul, Turkey  Master's degree, Software Engineering · (2008 – suspended in 2018) |
| Middle East Technical University  Ankara, Turkey  Master's degree, Physics · (2001 - 2006) |

English proficiency

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| IELTS 8/9 |

Personal

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| [Here](https://www.youtube.com/watch?v=r8FzD6utcD4&feature=youtu.be&t=78)’s a glimpse of me working. |
| [Here](https://www.youtube.com/watch?v=m1MehtkC6f4&feature=youtu.be&t=58)’s me celebrating by taking a selfie with the company mascots. |

Previous contract details

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| Company | [Domino Printing Sciences](https://www.domino-printing.com/en/home.aspx) |
| Industry | Industrial printing |
| Location | Cambridge |
| Extensions | 3 |
| Start/End dates | Jun 2019 – Jan 2020 |
| Technology | node.js, Angular |
| Reason to leave  End of project: I will be leaving after successfully completing 3 projects | |
| Team structure  For the first 5 months I was in the web team. I replaced a permanent developer. I worked with 2 other remote developers for a month until their contract was terminated. After that I was the only developer in the team with a tester, a dev manager and a product owner.  In the last 3 months I was in the inkjet printer software team with 5 other developers. | |
| Job description  Directly participate in the development of cost-effective and innovative embedded software solutions, in-line with company business objectives, meeting technical, business and quality requirements. This job typically involves design implementation by programming using Angular 2+, node.js and some C++.   * Software requirements analysis, understanding design and implementing code * Bug fixing, testing and debugging of implemented components * Cooperate with own team and other team members as required by tasks * Assist with problem investigation, observe and provide appropriate opinion as and when required * Review of software requirements, detailed design and test specifications * Participate in required integration testing and validation tasks * Learn and improve technical skills; explore ownership, management and leadership * In-depth knowledge of Angular 2+ * Strong expertise with node.js * Familiarity with WebSockets * Understanding of software development cycle * Knowledge of testing methodologies * Understanding of debug techniques across multiple browsers * Responsive Design expertise * Experience of working in an Agile (Scrum) Framework * Some experience of embedded software development | |
| Accomplishments  LaserJet printer web interface:  Node.js, Angular  Developed a label editor where the user edited documents for printing through a drag and drop interface  Fixed bugs and improved performance on Chrome, Firefox, IE, Safari  Started test automation in the project, brought coverage to 50%  Instructed other developers with test automation  Implemented features:   * saving changes while navigating away from the editor * duplicating element   Documented and presented:   * application architecture and implementation details * workflow improvement suggestions * unit testing instructions * code review checklist   Here are some video recordings of performance tests of the application and investigation work outside the application:   * [multi-drag performance](https://www.loom.com/share/b84e57c39b8243f6be65eca6c4aa95d2) * [editing a label with 1K elements](https://www.loom.com/share/5b29beff14a749e288a0c98fa703392d) * [dragging multiple elements within boundaries](https://www.loom.com/share/7148d25c910641b191aa8a8e01bacd88) * [investigating drag implementation alternatives](https://www.loom.com/share/0b7219e6513e467f9ff249d1381eae4f) * [multi-drag test](https://www.loom.com/share/48323672ccdc450eb6e23d5158c86a7e)   Hardware Key website:  PHP, MySql  Updated public website to meet security, GDPR and other data compliance requirements  Implemented:   * password reset mechanism * measures against SQL injection * cookies banner * on-the-fly generation of QR codes as opposed to persisting them * rewrote VBScript in JavaScript * replaced captcha * configured file access on the web server   InkJet printer web interface:  Angular  Implemented:   * Snooze buzzer temporarily for service technician’s use * Display the printer connection protocol on the system info dialog * Display ink and solvent expiry dates in a new component * Enable/disable various existing features by role   Documented development environment setup  Transferred web development knowledge to embedded systems developers  Fixed bugs and regressions | |

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| Company | [Congenica](https://www.congenica.com/) |
| Industry | Genomics software |
| Location | Cambridge |
| Extensions | 2 |
| Start/End dates | Jul 2018 - Feb 2019 |
| Technology | React |
| Reason to leave  Permanent cover | |
| Team structure  4 developers in the team and a total of 20 in the department | |
| Job description  Main Responsibilities   * Develop new features and enhancements to the frontend user interface components of the Sapientia product. * Design, code and unit test new product features and enhancements. * Fix bugs raised by customers and internal teams such as system test. * Review code written by other members of the team. * Take part in requirement and design review meetings. * Maintain existing features. * Develop new features on the existing and new code bases. * Rebuild the current system in a new React frontend.   Qualifications Knowledge, skills and abilities   * Must have 5+ years of experience working with React or other JS frameworks * Expert knowledge of JavaScript/ES6+ * Strong knowledge of modern ES6+ single page application development and surrounding best practices * Good understanding of RESTful APIs * Ability to provide architectural solutions * Experience of supporting and coaching junior staff * Strong knowledge of React+Redux * Strong knowledge of git Medical / biological knowledge or interest   Related Experience   * Commercial experience working on ES6+ single page applications using React, Angular, Ember or similar libraries /frameworks * Commercial experience building large, maintainable ES6+ single page applications using React+Redux * Experience of working in an Agile environment * Behavioural Qualities Friendly, approachable and builds positive personal and organisational relationships * Self-motivated and results-driven, problemsolver * Enthusiastic, hardworking, well organised and able to prioritise * Able to work with others to make decisions whilst respecting team members' views * Professional appearance and able to produce high standards of work | |
| Accomplishments  Built the sample upload page   * Developed the HPO Terms module where 16.000 human phenotype ontology terms were rendered hierarchically and could be filtered through a search box performantly and could be dragged and added to patient’s phenotypes list * Developed Gene Panels module where user defined panels: group of genes could be added to patient’s panels list * Developed Upload component with a drop zone where vcf/bam files could be dragged/browsed and added to be uploaded * Integrated the modules above and the Metadata module developed by teammate * Constructed the interpretation request payload from the form data and posted it to the backend * Uploaded the files to AWS S3 through the browser * Upgraded the page to support the populating of fields from an existing interpretation request   Rebuilt the variants table in React, [screenshots in slides 15-24](https://www.slideshare.net/Congenica/simon-ramsden-how-gene-panel-analysis-has-changed-the-face-of-rare-disease-diagnosis/15)   * Implemented pagination in the Variants table * Implemented the highlighting of tabs with dirty filters in the filters dialog * Added tier column to the variant table, tier is the user defined categorization of the variants * Implemented the fetching and addition to the table of variants that were initially filtered out * Created integration tests for the page using jest puppeteer | |

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| Company | [Zinergy UK LTD](https://www.zinergy-power.com/) |
| Industry | Flexible battery R&D |
| Location | Cambridge |
| Start/End dates | Mar 2018 - May 2018 |
| Technology | .Net |
| Reason to leave  I left after the project was over; I occasionally visit them for maintenance. They are an energy R&D company and have neither in-house IT personnel nor ongoing software projects. | |
| Team structure  They are a start-up of 12 people  I was the only IT person in the company | |
| Accomplishments  Developed services to process the output from the Neware battery performance testing instruments and produce reports. | |

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| Company | [Burgan Bank](https://www.burgan.com.tr/en/Pages/index.aspx) |
| Industry | Banking |
| Location | Istanbul |
| Start/End dates | Jul 2016 – Feb 2018 |
| Technology | .Net |
| Reason to leave  I left to move to the UK | |
| Team structure  Digital banking team: 4 developers, 2 business analysts, 1 manager  Software infrastructure team: 2 developers reporting directly to the head of development | |
| Accomplishments   * Maintained SMS Gateway service. Implemented fix to ensure that the messages sent abroad are delivered reliably. Fixed a security breach by blocking users off the online banking system when a SIM card change code is received from the service providers. Implemented the querying of the delivery status of messages. Optimized the service by removing unneeded calls to mobile service provider web services by storing and reusing number/provider mapping where previously all providers were called one after another until the right one is found each time. * Reconstructed the source code of the legacy deployment tool from binaries using ILSpy. Re-wrote UI to support multiple environments and applications, enabling the deployment of DB objects and scripts, websites and windows services using Vue.js and material design. * Developed integration with the MasterCard EMS fraud detection system where debit/credit card transaction data is exported to text files in real time for EMS to consume, used SqlMetal ORM * Developed Apache Lucene based customer info search tool where the tax number, registration number, contact information of businesses obtained from the government central registration system is indexed with Lucene and are made available to be searched conveniently and performantly from a plain interface * Developed services to integrate with Revenue Administration and enable the payment of debts through online banking application. The system workflow is as follows: The user opens Revenue Administration (RA) debt payment page and enters his citizenship number (CN). RA queries the banks with the CN and gets a token from the bank if the user is a customer of the bank. The RA page is then populated with banks to select which the user is a customer of and can pay his debt through. The user chooses the bank and then is redirected to the online banking system (OB) of the bank with the token previously obtained. At this point RA starts to periodically query the status of the transaction from the bank. OB then opens in a special mode where once the user logs in, has limited time to pay the RA debt. Any other functionality is stripped off the OB in this mode. When the transaction is complete or session times out, the OB window is automatically closed. The RA is notified of the transaction status on its next poll and this status is displayed on the RA page. * Developed MetLife integration to cancel the insurance policies of loans closed before maturity date. Wrote an end-of-day job to query the loan accounts that were closed before maturity date that day and to invoke the insurance provider web services with the corresponding policy numbers and account numbers so that they will cancel the policy and wire the remaining amount to the customer’s account. * Developed method parameter logger using code injection, used Mono.Cecil * Upgraded ICSharpCode.NRefactory based proxy generator to utilize Roslyn. The frontend client code to the core banking application backend was generated by parsing the backend code using a legacy parsing library which did not support .Net 3.0+ syntax. Modernised that to support new functionality, notably Linq. * Developed the mobile banking application using Xamarin and ASP.NET Web API [Play Store](https://play.google.com/store/apps/details?id=com.burgan.mobil) Microsoft case study: [Implementing Burgan Bank's cross-platform mobile app solution for mobile banking](https://microsoft.github.io/techcasestudies/mobile application development with xamarin/2017/08/11/BurganBank.html) The online banking system, which was developed by a vendor and which we had limited knowledge of the internals of, was to be used as the backend to avoid developing one from scratch. I developed a client code generator using the transaction configuration xml files of the online banking system until which other developers in the team painstakingly handcrafted each request, studying the structure of the json payload. I also developed the foreign exchange, the invoice/tax payment and reset password pages. * Conducted the migration from legacy to current .Net runtime version in banking application suite production environment with virtually no downtime * Built a new test environment, set up web servers, applications, configurations, securing a more reliable environment with healthy data to test with * Securing the availability and reliability of non-prod environments * Conducted the POC and evaluation of API management tools including CA, Software AG IS * Conducted POC and evaluation of static code analysis tool HPFortify * Tested and evaluated cash counters for integrability and automated firmware upgrades * Administering TFS, managing authorization. Configured CI/CD. Supported the test team with the testing module * Installed and configured Redgate DLM Dashboard to monitor drifts in the pipeline * Supported the development and migration of the new online banking system by third party | |

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| Company | [Aras Cargo](https://www.araskargo.com.tr/en/) |
| Industry | Logistics |
| Location | Istanbul |
| Start/End date | Sep 2015 - Jun 2016 |
| Technology | .Net |
| Reason to leave  I moved with my manager & team to the next role | |
| Team structure  We were starting a new team so I was the only developer in it with the line manager. There were 2 other development teams with a total of 20 developers | |
| Accomplishments   * Developed an HR application to track the time logging of courier lorries using JQuery, JQueryUI, ASP.NET and SQL Server. As the vehicles passed through the gates in the warehouses, the third party gate-keeping application logged the entry/exits and at the end dumped the data to excel files. I built a system where the user can upload these files into the system and the system then calculated the total time the driver worked that day and the time off, and produced a report showing this information. * Replaced third-party DHL EasyShip application with web-service integration with DHL from the main logistics application using ExtJS, NHibernate and Oracle. Removed the need of a foreign system and tracking and manually syncing the status of international packages in 2 separate systems. * Developed pages where users can monitor status of and start agency allowance calculation jobs. Before the pages were developed, accounting needed to contact IT BI team to have them manually start the jobs accessing the production database. The pages provided the users a solution where they could monitor if the prerequisites are met before the jobs can be run, start the jobs, monitor any errors and restart as needed. They could also use the pages to update the allowance rates. The pages saved the BI team a routine work and removed the need to access production environment. | |

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| Company | [Intertech](https://intertech.com.tr/en/) Information Technology and Marketing Inc. |
| Industry | Financial software and IT services provider |
| Location | Istanbul |
| Start/End date | May 2010 – Apr 2015 |
| Technology | .Net |
| Reason to leave  I moved with my manager & team to the next role | |
| Team structure  Worked in teams of 5-10 developers and as a team leader in the last two years | |
| Accomplishments   * Developed [inter-SGK](https://www.intertech.com.tr/en/services/e-state-services/inter-sgk). The Social Security Distraint Management System of the inter-Vision platform is an application, which enables e-Distraint packages to flow in an electronic environment according to the technical structures and standards defined in Social Security Institution (SGK) protocol. * Implemented [inter-Invoice](https://www.intertech.com.tr/en/services/e-state-services/inter-fatura), electronic invoice application, for PWC, Odeabank, AlbarakaTurk, TBank & DenizBank FSG. * Developed a multi-source, multi-format document & customer info search engine for DenizBank, used Apache Lucene. * Implemented [inter-Vision](https://www.intertech.com.tr/en/services/software-development) banking platform for customers including Standard Chartered and Societe Generale. * Implemented inter-EFT, electronic funds transfer system, for customers including Standard Chartered, Citibank, Societe Generale, Portigon and BurganBank. | |

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| Company | Identra - EMEA office of [PINC Solutions](https://www.pinc.com/) |
| Industry | Yard management hardware/software provider |
| Location | Istanbul |
| Start/End date | Nov 2008 – Mar 2009 |
| Reason to leave  I left for military service | |
| Accomplishments   * Developed web-based yard management systems. | |