|  |  |
| --- | --- |
| **Robert Mackness** | **mackness**.io  **blog**.mackness.io  **facebook**.com/rob.mackness  **github**.com/robertmackness |
| **Junior Web Developer** |
| Edinburgh, Scotland +44 7775432552 robert@mackness.io |

**Portfolio**

|  |
| --- |
| **Responsive Portfolio Site**  [mackness.io](http://mackness.io/)  **Front End**  Angular 1.5, Javascript, Bootstrap, HTML5 / CSS3  **Back End**  Javascript, Node, Express, MongoDB@mLab  **Build Tools / Platform / VCS**  Gulp – minification and image optimisation, Heroku, Git@Github |
| [**Custom RESTful API + CRUD Ops consumed by Responsive Angular App**](http://www.mackness.io/)  [Demo Customer Service Portal](http://www.mackness.io/" \l "/portfolio/customerserviceportal)  **Front End**  Angular 1.5, Javascript, Bootstrap, HTML5 / CSS3  **Back End**  Javascript, Node, Express, Mongoose, MongoDB@mLab  **Build Tools / Platform / VCS**  Gulp – minification and image optimisation, Heroku, Git@Github |
| **Real-Time Authenticated Chat**  [chat.mackness.io/](http://chat.mackness.io/)  **Front End**  React JS, Javascript, Bootstrap, HTML5 / CSS3  **Back End**  Javascript, Meteor JS, MongoDB@mLab  **Build Tools / Platform / VCS**  Heroku, Git@Github |
| **Public Code – Answers to Open Javascript Challenges**  [Public Git Repo Link](https://github.com/robertmackness/js-assessment/tree/master/app)  **Rebecca Murphey's Javascript Assessement**  Scope, Closures, Regex, String manipulation, Bitwise Operators, Recursion and more. |
| **Web-Development Technical Blogging**  [blog.mackness.io/](http://blog.mackness.io/)  Assorted articles on web development. |
| **Platform Survival Game – Android**  [Google Play Store Link](https://play.google.com/store/apps/details?id=com.chopstickphoenix.miniwrestlesurvival.android&hl=en)  **Front End**  Java, LibGDX  **Back End**  Swarm API for global leaderboard  **Build Tools / Platform / VCS**  Eclipse IDE, Android, Git@Github |
| **Financial Trading Algorithm – Gengis Khandle**  **Language**  MQL4  **Platform**  Metatrader 4 |

**Certification**

|  |  |  |  |
| --- | --- | --- | --- |
| **CCNA** | Pass - 2012 | **REACHER Satellite Mgt.** | Pass - 2008/9 |
| **ITIL v3** | Pass - 2012 | **Equality and Diversity** | Joint-Force Advisor |

**Education**

|  |  |
| --- | --- |
| **Defence College of Communications and Information Systems** | LAN/WAN, TCP/IP, Satellite Communications, Land Electronic Warfare, Routing, Switching, Technical Operations Management |
| **Royal Military Academy Sandhurst** | **Queen's Commission, Bachelor's Degree Equivalent**  Leadership, Management, War Studies, Communications and International Relations |

**Career History**

|  |  |
| --- | --- |
| **Jan 2015 to**  **Present** | **Self-Taught Developer**  **Technical**  ***●*** MEAN Stack - Node, Express, Angular, MongoDB, Gulp, Bootstrap, Heroku, Git.  **●** 2D Android games integrated with third party API's. Written in Java using the LibGDX framework in Eclipse and Android Studio.  **●** Design and implementation of an authenticated real-time chat program with React/Meteor.  **●** The Odin Project + Michael Hartl's Rails tutorial + Rails/Angular/PostgreSQL tutorials.  ***●*** Financial trading algorithm and automated brokerage order placement (MQL4)  **Marketing / SEO / Advertising / UI / Image Manipulation**  **●** Design and launch of Google Play Store listings using targeted descriptions and researched SEO keywords via SearchMan.Design of Android game UI and animations using GIMP2. |
| **2013**  **to**  **2015** | **IT Networking Consultant / Service Delivery Manager Blue Chip Data Systems**  **Technical**  **●** Lead engineer for multiple technical projects within the private sector; including satellite communications, network design, configuration, installation, troubleshooting and security.  **Leadership and Management**  **●** Technical service delivery management for a range of international clients in the private sector. |
| **2007**  **to**  **2013** | **Royal Signals Troop Commander – Queen's Commissioned Officer British Army**  **Leadership and Management**  **●** Leadership, management and administration for multiple units ranging from 30 to 45 soldiers.  **●** Working closely with the director of a 500 strong Afghanistan National Army training unit as a leadership consultant.  **●** Management of all UK cryptographic material, electronic warfare devices, satellite/radio communications equipment and a fleet of vehicles for international organisations.  **Training Delivery**  **●** Designed and implemented two training and promotion courses for the Royal Signals, a 9000 strong organisation, to ensure that the right calibre of soldiers were being promoted into junior management positions.  **●** Conceptualised and implemented the training objectives for the Officer Candidate School in Kabul to reflect the changing demands of modern asymmetric warfare.  **Technical**  **●** Signalling Officer in command of coordinating artillery gunfire and communications operatives for both Remembrance Sunday and the Queen’sDiamond Jubilee and London Olympics.  **●** Initiated and led a risk and security analysis of the Kabul Military Training Centre's biometric scanning processes; closing all identified security loopholes. |