

Robert Mackness

Junior Web Developer

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mackness.io

blog.mackness.io

facebook.com/rob.mackness

github.com/robertmackness

Portfolio

Responsive Portfolio Site

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

[Demo Customer Service Portal](#)

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/

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](#)

Rebecca Murphey's Javascript Assesement

Scope, Closures, Regex, String manipulation, Bitwise Operators, Recursion and more.

Web-Development Technical Blogging

blog.mackness.io/

Assorted articles on web development.

Platform Survival Game – Android

[Google Play Store Link](#)

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 <ul style="list-style-type: none">● 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 <ul style="list-style-type: none">● 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.	
	IT Networking Consultant / Service Delivery Manager	Blue Chip Data Systems
2013 to 2015	Technical <ul style="list-style-type: none">● Lead engineer for multiple technical projects within the private sector; including satellite communications, network design, configuration, installation, troubleshooting and security. Leadership and Management <ul style="list-style-type: none">● 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 <ul style="list-style-type: none">● 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 <ul style="list-style-type: none">● 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 <ul style="list-style-type: none">● Signalling Officer in command of coordinating artillery gunfire and communications operatives for both Remembrance Sunday and the Queen's Diamond 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.	