Robert Mackness

Junior Web Developer

Edinburgh, Scotland   +44 7775432552   robert@mackness.io

mackness.io
blog.mackness.io
facebook.com/rob.mackness
github.com/robertmackness

Sir / Ma'am,

Liam from edenscott mentioned to me that you're actively recruiting for a software engineer position to join your team at QikServe, who are revolutionizing the payment systems in place within the hospitality sector. It sounds like an amazing opportunity within a fast-paced and challenging work environment filled with talented people, the sort of team that I aspire to work with. I believe that given the opportunity I can add value and be a productive member of your organisation.

I'm a self-taught developer who discovered a passion for coding while working as an IT manager at a managed-services company, and have been self-studying full-time ever since. My full portfolio is located at my personal site mentioned in the header, but with regards to your job spec I'm summarized relevant experience below:

Responsive Web-Applications – RESTful API design – Build Automation
Within my portfolio site at mackness.io is a responsive web app written in Angular 1.x that consumes an API that I designed and built using Node, Express, Mongoose and MongoDB. The front-end app can perform CRUD operations via the API on the server , which performs database operations on a MongoDB datastore hosted with mLab. The build process of JS, CSS and HTML minification and obfuscation is automated with Gulp.

Java – OOP – Android – 3ʳᵈ Party API's
I've got a live Android application on the Play Store; a 2d Android game integrated with the Swarm global leaderboards API and Google AdMob. It was written in Java using the LibGDX framework. Play store link available via the portfolio at mackness.io.

I'd love to hear back from you, even if I'm not a match for the position, as any feedback at this stage in my endeavor to break-in to the developer community is invaluable.

Thank you for your time,
Robert Mackness

Robert Mackness

Junior Web Developer

Edinburgh, Scotland +44 7775432552 robert@mackness.io

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 Assessement
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

- 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'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.