SHAUN UNDERWOOD

[shaun.u@sunderwood.co.uk](mailto:shaun.u@sunderwood.co.uk)   
DOB: 15-Nov-1978, Nationality: British  
01223-968-477

|  |
| --- |
| *JavaScript 5y, AngularJS 4yr, Node 2y, HTML/CSS3 5yr, Jasmine Karma 2yr, SQL 10y+, PHP*  *SASS, Less, Gulp, swagger, restAPIs, StrongLoop, Laravel, Jenkins, git, jira, confluence, slack, asana, bitbucket, paintshop pro, jquey, bootstrap, material design, phantomjs, mean stack, mongodb, npm, docker, gitflow, cross platform development, hubot, ghost inspector, riotJS, React*  *Babeljs, OAuth, 2AF, Express, aws lambda, dynamodb, iam, sns, appsync,*  *Unit Testing, Integration Testing, AB Testing, Rest API development, continuous integration / Delivery* |

***Looking for REMOTE permanent or contract****With a good mix of front- & back-end, up skilling to full-stack*

## British Airways

## JavaScript and AngularJS Developer, April 2018, full-time, contract

* Develop web application components which operate on BA’s customer facing website at ba.com
* Primary frontend framework being AngularJS, creating services, directives, filters, templating with HTML and SCSS, private bower and npm repositories,
* TDD and CI/CD with Jasmin, Protractor, Selenium, Karma, Jenkins, UAT, unit and integration testing.
* Agile Scrum project management, active part in daily standups, refinement, sprint planning, show and tell, code reviews with Jira and Crucible as the main tools.
* Strong interdepartmental communication required, full ownership of issues and successful completion within two-week sprints.
* A massive amount of learning to meet project goals, requirements and coding expectations.

## Projects and Short-Term Contracts

## Cordova-phonegap NFC Plugin for Android devices

A cordova phonegap plugin, commercially available, optimise to return NFC tag UIDs in the quickest possible timeframe across Android devices. Java Android, JavaScript, Cordova, NFC

## Billing system for South African Mobile Content Providers

Integrating with aggregator Mira, an AWS based platform to handling subscriber billings across South Africa’s mobile carrier. AWS Lambda, DynamoDB, API Gateway, S3, ReactJS, Mira API

## Android Webview-based Ad-Fraud Prevention Framework

In-depth analysis of ad-fraud on the Android platform committed with webviews, and developing a javascript based prevention system to minimise fraudulent revenue claims. Android Java, Android Webview, Javascript, adtech.

## Kronosapps: Personal Development Web Application

A series of professionally design and researched tools focused on empowering individuals with visual aides helping to achieving personal goals and aspirations. ReactJS, SCSS, JavaScript, AWS Lambda, DynamoDB, API Gateway, S3, Cognito, Sketch, Zeplin,

## Clicktripz.com LLC, USA <http://www.clicktripz.com>

## JavaScript Engineer, October 2016 - February 2018, remote full-time

* I gain an excellent exposure in engineering frontend code that is exposed to millions of users a day across some of the world’s largest OTAs – Expedia, Homeaway, Secret Escapes, Booking.com, Amoma and many others.
* My biggest take away has been to gain a great understanding of AdTech with a focus on the travel industry – campaigns, user-fingerprinting, cannibalisation protection, touched on incrementality tests, A/B testing and experiments, differing vertical, implementing adblock workarounds, custom firewalls, session recording, user behaviour, browser abilities and limitations for advertising purposes, data scrubbing, and more.
* Build code that runs flawlessly against practically every device that displays a webpage; android, iOS, windows, Mac OSX, Firefox, Safari, IE, Edge, Chrome, tablets, smartphones, desktops.
* Investigating and remedying issues encountered by ever changing OTA sites and campaigns.
* Developing tools and enhancements to automate workflows using slack bots and integrations, reducing developer workload and stress.
* Developed a great knowledge of deploying new products and minimising impact of changes, manage changes on live systems for client verification purposes, eg gating
* Out of hours support – working California time, out of hours in European time zones.
* Some services and tools: node Jira, git, github, confluence, VPNs, logentries, kibana, aws, zoom.us, slack, page duty, hangouts, LastPass, ghost inspector, swagger, jenkins, angularjs 1, emberjs, scss, react, riot tags/riotjs, virtualbox, gulp, stripe, paypal, html, css3, sass, rest apis.

## Comply Advantage Ltd

## JavaScript and AngularJS Developer, March to 7th October 2016, remote contract

* Anti-Money Laundering applications
* Lead in the overhaul of three Laravel Homestead applications with AngularJS projects focused on Anti-Money Laundering.
* Mentoring staff in *the ways of Angular* and JavaScript in general with code reviews, examples, demos, one-to-ones, fielding any questions.
* Agile team of ~five – backend, QA, frontend, product owner.
* TDD (karma, jasmine, selenium, protractor)
* UIs built using SCSS, Less and legacy CSS, MaterializeCSS.
* Upskilling on EmberJS, SailsJS and Angular 2.
* Remote working using Jira, Hangouts, git, gitlab, bitbucket
* <https://complyadvantage.com>

## SixMod5 Tech Studio Pvt. Ltd.

## MEAN Stack Application Developer, February 1-29th remote contract

* Greenfield pilot project, broke ground on 26th January, for completion end of February.
* Full-stack JavaScript-centric development – NodeJS, Angular, Express StrongLoop.
* Micro-Agile: daily stand-up, 5-day sprints, TDD with Karma, Jasmine.
* UI built using SCSS, AngularJS, ReactJS and Bootstrap.
* BitBucket, Trello, Git, Slack. More to be added before the end of the project.
* Micro-service approaches being adopted, AWS and more to follow.

# Gnomen Ltd

## Web Application Developer, December 2015 – January 2016, 2 month remote contract

* **Project 1**
* Create a new Order Management System from the ground up to manage the pricing and ordering process, data gathering process and project completion.
* Built using MEAN stack, so AngularJS, NodeJS with Express and StrongLoop for API creation, PM2, Bootstrap, jQuery, MySQL (rather than MongoDB).
* **Project 2**
* Create a new Search-by-Map system, akin to RightMove’s own search-by-draw function.
* PHP backend and MySQL, with frontend AngularJS, Bootstrap, API, Google Maps API.
* GIS is totally new to me so I have had to do A LOT of research and learning about QGIS, researching open data sources from Ordnance Survey, Census Data, some excellent fine-grained postcode boundary data.
* Processing over 1GB of boundary and point data to create very useful Google Maps overlays.
* I’ve also created a system to future-proof the app, allowing the addition of new boundaries, new points and aliases that merge multiple boundary and points together.
* BitBucket, Git and private repos on Linux servers, BaseCamp for project management.

# Elektron Technology Ltd

## JavaScript Developer, April 2015 – December 2015, full-time remote contract

* Chiefly the role was to take the prototype backend and frontend CheckIt® application and develop it into a production ready product, then seeing the same product deployed to Alpha and Beta with paying clients.
* The MEAN stack was already in place, however my key decisions near immediately was to abandon entirely the £100k+ bespoke Express server software in favour of ExpressJS based StrongLoop, a decision that alleviated all backend issues and allowed us to redevelop the entire backend within two months, well in advance of alpha trials.
* Further, insistence on TDD using Karma, Jasmine, PhantomJS, ensured code quality was maintained with code reviews. Later Docker was brought in to house the backend, CircleCI executed tests and Jenkins used to produce final deliverables for QA, release test and release, and build for the accompanying Android application.
* Technologies championed: MEAN stack in the form of Strongloop, MongoDB, AngularJS, GitHub, asmine, Karma, NPM, NodeJS, Git, Docker, Jenkins, CircleCI, Jira, Slack, PhantomJS, SASS, and other packages
* Cross-browser cross-platform testing in Chrome, Firefox, Safari, Edge, Windows, Linux, Mac
* Towards the end Protractor and selenium were brought in to perform automated end to end testing.
* Contribute to daily stand ups, supporting other developer and test engineers, code reviews and presentation of one’s area of work to inform the rest of the team.
* Agile techniques, Scrum, Kanban, Standups, conferencing
* <http://www.checkit.net/> is the public portal.

# Mason Digital Ltd

## JavaScript and Web Technologies Developer, August 2013 – March 2015, remote full-time

* Write prototype applications to demonstrate key features, functionality and win projects.
* Principal developer on three major projects, maintaining close working relationship with project owners and other developers in the team – internal and external to the company.
* Adding new features to existing projects and bug fixing.
* The most recent languages, tools and methodologies: AngularJS, Grunt, Bower, Git, GitHub, BitBucket, Jira, Asana, SASS/SCSS, Less, Toggl, Basecamp, Rest APIs, CouchDB and PouchDB, social network logins, Jasmine and Karma, desktop and device testing, WebStorm, Altassian Source Tree, NodeJS, Bootstrap, jQuery, Linux, bash.
* Websites and app development with HTML5, CSS3, JS, NFC, iBeacons and Bluetooth Light Energy (BLE), Java Android.
* NodeJS and IO.js, StrongLoop, ExpressJS, APIs, chip and pin terminal interfacing (IPP350 and VX820), TDD with Jasmine and Karma, Docker containers for Micro Services.
* Example applications publically available:
  + <https://www.htcmatchdayalbum.com> - social media orientated web app
  + <http://www.thirdbridge.co.uk> - SaaS-come-social network, front-end developer

# Intel Corporation

## Consultant Developer, January – July 2013, remote contract

* Web technologies professional – PHP, Apache, MySQL, Windows and Linux, JavaScript, REST APIs development, AJAX, cross-browser support, Android tablets
* RDBMS Integration and ETL – Oracle, SQL Server, MySQL.
* Git, Cygwin, Bash

# Julia & IAS Nika Travel, Cork, Ireland

## Software and Web developer, June 2009 – December 2012

* HTML5, CSS3, JavaScript, jQuery, JQueryMobile, PhoneGap, PHP, MySQL, SQL, HTTPS, JSON, indexedDB, localStorage, MVC, JavaScript, PHP; Web Servers running LAMP stack (Linux, Apache, MySQL, PHP)
* Specification of bespoke bird of prey GPS/GSM tracking system
* Android home automation remote control application
* Specification and design of systems for desktop and mobile devices
* Patient–doctor webapp and mobile application
* Maintain company websites
* Bespoke document management system
* Development of health and safety HACCUP

# Citco Data Processing Services Ltd, Cork, Ireland

## Data Integration and Warehouse Assistant, SQL Server Developer, October 2007 – May 2009

* Additional systems used: Mercury Quality Centre (MQC), Oracle Warehouse Building, SharePoint, Clarity, SWIFT, SQL Server Enterprise Manager 2008, Oracle, DameWare, CVS, Citrix, XML, CSV and other flat files
* SQL Server, T/SQL, DTS, Oracle, PL/SQL, ETL, MS Access, SQL
* Maintenance, development of a Data Warehouse ETL, analyse conversion failures.
* Requirements capture, function and technical specification, Data modelling, normalisation, data cleansing
* Working closely with stakeholders including SATYAM India
* financial transaction data structures and procedures
* Train QA staff in-house to program in PL/SQL

# Microgen, London

## IT Consultant, August 2005 – May 2007

* Home Office NMIS Data Migration analyst
* Develop scripts to extract, transform and test (ETT) Oracle Warehouse Builder conversion system with documented requirements
* PL/SQL, Oracle 8/9i and 10g, Excel and Excel VBA, SAP HR, SQL Server 2000, T/SQL
* Investigation into adapting UK Energy Registration System to Eire All-Island Energy market National Grid Reporting Tool
* Report writing in T-SQL, Access as front-end, SQL Server back-end
* Team development of financial applications using business rules engine Microgen Aptitude, clients include Close Brothers and Hampshire Police.
* Development with Microgen Aptitude developing applications for several suppliers

# EdF Energy, Brighton & Hove

## Database Developer, December 2002 – July 2005

* Document business data flows, investigate fault reports
* Develop and maintain multi-user database applications MS Access, Excel, VBA, macros, SQL to assist in monitoring data entry of contracts for gas and electricity account
* Source systems where Oracle 8 and Seibel
* Applications written in SQL and VBA, using MS Access 97 as front-end
* Update databases from Access 97 to Access 2003

## Data Entry, November 1998 – November 2002

* Processing contracts
* Handling customer calls
* Setting up customer accounts
* Training new staff
* Documenting business processes

# Interests, passive and active learning, hobbies

Topics I am learning, have an interest in, hobbies, currently project etc.

|  |  |  |
| --- | --- | --- |
| JavaScript | Gardening |  |
|  |  |  |
|  |  |  |

# Education and Professional Development

## Public Git Repo

* <https://github.com/shaununderwood?tab=repositories>

## Professional

* Oracle Corporation – Oracle Database 10g

## University of Brighton

* BSc (hons) Software Engineering, 2.1
* HND Computing and Information Systems, Distinction

## Richard Huish College

* A-level Computing, Biology

## The Castle School

* 11 GCSEs including Math and English

Weak points: *Once I start something, I cannot let it go until its finished. I often find myself continuing to write code beyond regular hours.*

Strong points: *Loyalty, dedication, hardworking, never leaves a job unfinished, always looking to learn new skills and accept new challenges. When at work I am hundred percent dedicated to work and team.*

*I’ve been told I’m not a typical contractor. I take care of the work I do, educate others as I can, take on responsibilities where needed, and go the extra miles needed to complete tasks.*

# References

***The references below are provided for final interview / assessment purposes only. Out of courtesy, please request permission before contacting them. Thank for your understanding.***

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Relation** | **Company** | **Contact details** |
| Joel Yamendjeu | Manager | British Airways (AND Digital) | [jyamendjeu@and.digital](mailto:jyamendjeu@and.digital) |
| Dean Smith | Director of Integrations | Clicktripz | [dean@clicktripz.com](mailto:dean@clicktripz.com) |
| Luke Mawbey | Manager | Comply Advantage | [luke@complyadvantage.com](mailto:luke@complyadvantage.com) |
| Rob Hogan | Manager | Elektron Technology | [rh389@cantab.net](mailto:rh389@cantab.net) |
| Kim Stimson | Human Resources | Elektron Technology | [Kim.Stimson@elektron-technology.com](mailto:Kim.Stimson@elektron-technology.com) |
| Richard Mason | Director | Mason Digital | +44-207-407-2791 |
| Sheena Crotty | Project Manager | Intel, iSite | +353-87-145-7080  [sheena.crotty@isite-solutions.com](mailto:sheena.crotty@isite-solutions.com) |
| Spencer Wilkinson | Senior Developer | Citco | +353-87-765-4224  [spencer@mbos.ie](mailto:spencer@mbos.ie) |
| Alan Peart | Senior Developer | Citco | +441423715887  [alan@creative.coop](mailto:alan@creative.coop) |
| Michael Doyle | Manager | Citco | +353-87-329-8800 |
| Human Resources | Human Resources | Microgen | +353-21-432-4700 |
|  |  |  |  |