

# Leslie Owusu-Appiah

Software development and research - <http://leslieoa.com/>

## Skills

### Languages and Technologies

- JavaScript and TypeScript
- HTML5, Web Components, XHTML
- CSS, SCSS
- GraphQL
- MongoDB
- MySQL, Postgres, SQLite

### Frameworks

- React, React Native
- Vue.js
- Styled Components, Styled JSX
- Gatsby, Next
- Express
- Immer, Redux
- Jest

### Infrastructure and Servers

- Amazon Web Services
- Digital Ocean
- Apache and NGINX

### Tools and Processes

- Webpack, Parcel, PostCSS
- Git, GitHub, GitLab, BitBucket
- JIRA, Trello
- Agile, BDD, TDD
- Android Studio, micro, VSCode, Xcode,
- Adobe Photoshop, Adobe Illustrator, Adobe XD, Figma, Sketch

### Additional

Previous technologies and/or intermediate skills level

Apache Cordova, Bash, C/C++, C#, Choo, D3, Embark, Go, Java, jQuery, JSON, Objective C, OpenX, Piwik/Matomo, Processing.js, Terraform, Three.js, TVML, PHP, Pug, Python, Ractive, RequireJS, Solidity, Subversion, Swift, Svelte, VTL, XML

## History

### Fullstack Developer (Contract)

ustwo, London U.K. (March '20 - April '20)

- Initial development of backend for health and fitness app (TBA)  
AWS, AWS AppSync, Contentful, JavaScript, Terraform

### Senior Software Engineer (Contract)

Axate, London, U.K. (June '19 - February '20)

- Implementation of Axate's new wallet interface and features
- Creation of Axate's AMP micropayments wallet
- Research and development of future Axate architecture and features
- Clients include: Reach/Trinity Mirror and Dow Jones (Wall Street Journal)  
AMP, AWS, Braintree, Jest, Mixpanel, Preact, React, Redux

### Technical Consultant/Developer (Contract)

Genflow, London, U.K. (March '19 - June '19)

- Research and development for client facing analytics platform
- Clients: Anthony Joshua Boxing (AJBXNG) and Grace Beverley's B\_ND
- Development and support/introducing startup to useful technologies  
Apollo GraphQL, AWS, AppSync, Docker Swarm, JavaScript, Express, Gatsby, React, Netlify, Next.js, Node

### Technical Consultant (Contract)

Fidelity International, Surrey, U.K. (October '18 - December '18)

- Greenfield development of Fidelity's new End Investor Android mobile application  
Apache Cordova, Ionic Native, Java, JavaScript, Jest, React

### Senior Developer (Contract)

Bauer Media, London, U.K. (June '18 - August '18)

- Retuning as a consultant/developer for phase 4/5 of Project Rosecomb  
DADI, React, Redux Sagas, Node.js, TypeScript

### Developer (Contract)

Hogarth Worldwide, London U.K. (April '18 - May '18)

- Development of rich media advertising creative management platform  
AWS AppSync, Apollo GraphQL, GraphQL, Lambda, Mocha, Vue.js

### Developer (Contract)

W12 Studios, London U.K. (February '18 - March '18)

- Development of simple promotional site and CMS for FOX  
React, Redux Thunk, Craft (Headless)

### Senior Developer - Device Porting (Contract)

DAZN, London U.K. (January '18 - February '18)

- Device porting team for big screen/TV platforms (Android TV, webOS, PS3/4 and Xbox One and Linux variants)  
React, Ramda, RxJS, MobX, CastLabs, Apache Cordova (Android TV), Crosswalk, TAL

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## References

Dominic Young, CEO  
Axate  
[dominic@axate.com](mailto:dominic@axate.com)

David Morgan, Business Analyst  
Fidelity International  
[David.morgan@fil.com](mailto:David.morgan@fil.com)

Imran Hussain,  
(previously Agile Lead at Discovery/Eurosport)  
Please contact for email/telephone

Rob Green  
(previously CTO at Monitise Create)  
Please contact for email/telephone

Odisseh Nikoukar  
(previously Project Manager at Monitise Create)  
+44 (0) 79 8060 7045

Scott Cooper, Partner/Head of Innovation  
Sandpit Lab/The Sandpit  
[scott@thesandpit.com](mailto:scott@thesandpit.com)  
+44 (0) 79 1918 8698

Ainsley Escorce-Jones  
(previously Technical Lead at Sandpit Labs)  
[ainsej@gmail.com](mailto:ainsej@gmail.com)  
+44 (0) 77 5880 1456

Alex Smith, User Experience Consultant  
(previously UX Architect at EF - Special Projects)  
[alex@scwlworldwide.com](mailto:alex@scwlworldwide.com)  
+44 (0) 78 5260 4812

Oli Roxburgh  
(previously Managing Director at Mobile5)  
+44 (0) 79 7140 2177

Senior JavaScript Engineer (Contract)  
Discovery Networks/Eurosport, London, U.K. (July '17 – January '18)

- Green-field research and development of Eurosport's 2018 Olympics VOD and live streaming video platforms and applications  
Apache Cordova, AWS, Akamai, BAM SDK, JavaScript, React, Redux, RxJS, JWPlayer

Technical Director - Hey Day Studios (Contract)  
Currencies Direct, London, U.K. (November '16 – May '17)

- Redevelopment of Currencies Direct's entire customer facing applications  
Apache Cordova, Java, JavaScript, Node, Objective C, Swift

Lead Developer (Contract)  
Bauer Media, London, U.K. (June '16 – November '16)

- Project Rosecomb - Green-field redevelopment of all 59 UK radio properties digital platforms (including Absolute Radio, Magic and KISS)  
DADI, Dust.js, JavaScript, MongoDB, Node.js, RequireJS

Consultant (Contract)  
Giantsource, Remote (April '16 – June '16)

- Research and development for broadcast television
- Clients include: BBC and Dreamworks  
Canvas, JavaScript, Node.js, Ractive, RequireJS, SVG, Handlebars

Senior Developer (Contract)  
Monitise Create - now Big Radical/Etch, London, U.K. (October '14 – March '16)

- Ingenico Trader POC (Ingenico) - Development of bespoke mobile device software and interface for Ingenico's 5000 payment terminals (6 weeks)  
Bluetooth 4.0 (BLE/iBeacon), EMV Wireless, JavaScript, NFC, Node.js, Objective C, Ractive, RequireJS, Handlebars, WebSockets
- KITTi (Santander) - Responsive animated website for app that acts as collective pot of money for groups to pay for things (2 weeks)  
Canvas, CSS3, JavaScript, Node.js, Ractive, RequireJS, Handlebars
- Fiat 500 – Web App (Fiat) - Interactive car configuration (1 month)  
Canvas, CSS3 animations, JavaScript
- Poten & Partners – Responsive website re-launch
- Visa – Retained Team – R&D/UX prototypes (January '15 – March '16)  
Apache Cordova, AWS, Backbone, Bootstrap, JavaScript, MongoDB, MySQL, Node/IQ, Objective C, Pure CSS, Ractive, React, React Native, RequireJS, Swift
- Clients include: Visa, Santander, Fiat, Ingenico, FIFA

Senior Developer, Sandpit Labs  
London, U.K. (December '13 – September '14)

- Research and development of all proximity and location applications (iBeacons/BLE)  
C++, Chrome Extensions, Django, JavaScript, MongoDB, Node.js, Objective C, Ractive, Redis
- Full stack development of Waves MVP/product and research and development of products  
MongoDB, Node.js, Ractive, Redis, RequireJS

Senior Frontend Developer, Special Projects/EF Labs  
EF Education First, London, U.K. (June '13 – December '13)

- Front-end development of EF SET - the first online adaptive English testing platform  
Composer, Cork PHP Framework, CSS3, HTML5, JavaScript, MySQL, PHP, RequireJS

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## Formal Education

Kingston College of Art and Design ('02 – '04)

- BTEC National Diploma in Multimedia (Merit)

Southfields Community College ('96 – '02)

- GNVQ in ICT (Distinction)
- Cisco Networking Academy Program

## Personal Projects

Current self-initiated research and development projects (WIP)

Cartographer - A decentralised mobile web browser

dat-sdk, immer, React Native, TypeScript, web3

402 - A "no-backend" P2P payment proof of concept

"Interledger", Parcel, web3, Web Payments API

Contractor/Freelancer

London, U.K. (November '12 – June '13)

- Clients include: Ballymore (21 Wapping Lane), Bill Amberg, Camberwell Arts Festival, Charles Stanley Direct, Citizen Ink and Tempero with Full Signal/Explosive Brands  
Facebook APIs, JavaScript, jQuery, MySQL, Node.js, PHP, PhantomJS

Senior Developer

Mobile5 - now HYD, London, U.K. (November '11 – November '12)

- Development of a range of interactive rich media advertisements for Audi, Bacardi, Boots, eBay, Honda, John Lewis, Motorola, Nikon, Samsung, Virgin and Vodafone (to name a few), using "cutting edge" web APIs and mobile technologies  
Facebook APIs, Java, JavaScript, jQuery, MySQL, Objective C, ORMMA, PHP, SOAP, MRAID, MMSDK, Zepto.js
- Architect/developer of Mobile5's event based mobile analytics and KPI platform Plus5.  
JavaScript, MySQL, PHP, Phantom.js, Rich Media Frameworks (MRAID, ORMMA, MMSDK, etc), Tera-WURFL
- Research and development of emerging mobile/web technologies  
Android devices (pre-release), B2G/FirefoxOS, Web APIs (Battery Status, Media Capture/Streams, Mobile Connection, Mouse Lock, Vibration, etc), iOS developer betas, WebGL

Multimedia Development

MuTplx - now MyPlayer/MuTplx, London, U.K. (December '10 – October '11)

- Development of digital signage/advertising/multimedia platform, MuTplx Attract (including documentation and content for Fonehouse)  
CSS3, Bash, Flash, HTML5, JavaScript (jQuery/LocalStorage), JSON, MySQL, OpenX, PHP
- Design and development of mobile presentation platform, MuTplx Allure (now MyPlayer)
- Development of a joint Microsoft/Orange Windows Phone 7 interactive signage campaign (displayed in 50+ flagship Orange stores around the U.K.)  
CSS3, Flash, HTML5, JavaScript (jQuery/LocalStorage), JSON, MySQL, PHP, SVG
- Research and development of emerging web and data storage technologies  
CSS 3 (2D and 3D Transforms/Media Queries), Database (Indexed DB/MongoDB/WebSQL), Data Visualisation (D3.js/Stat/Piwik/Processing/Raphaël), HTML5/JavaScript (LocalStorage/WebSockets), WebGL (three.js)
- Clients include: Microsoft, Orange and T-Mobile

Freelance Interaction Design and Developer

London, U.K. (January '08 – November '10)

- Contributing and supporting open source software projects, namely the Indexhibit Content Management System
- Clients include: Lock Stock and Barrel Records, Misha Gravenor, Make Believe, ProfitRoom and Samppa von Cyborg  
Indexhibit, JavaScript/JScript, jQuery, MySQL, PHP, Shopify, Vision, WordPress

I.T. Officer, Marketing Department

British Society for Immunology, London, U.K. (September '06 – January '08)

- Technical and design lead on the BSIs migration from legacy website/database systems to Blackbaud's Raisers Edge CRM and NetCommunity CMS  
ASP.NET, JavaScript
- Design and development of membership, event and survey management web application, 'FormView' used during Annual Congress '07, North East regional meeting registration and The BSIs 'Day of Immunology'  
JavaScript, PHP, MySQL

I.T. Developer, Training Department

Interac, Tokyo, Japan (March '05 – March '06)

- Development and maintenance of training and recruitment technologies  
Bloxorn, JavaScript, PERL, PHP, ODBC, VB Script