

Eugene Cross

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Profile

A senior web and mobile software development professional with a broad range of experience spanning numerous private and public sector clients and industry sectors. I have developed several apps for both large enterprises and startups and have a clear understanding of the app development lifecycle from ideation, through requirements scoping and elicitation, development, testing and store release. I also have several years of project experience working closely with business stakeholders to deliver enterprise IT solutions.

Wide-ranging experience on projects using web and cloud technologies, I am currently working in a senior software role focused on hybrid mobile applications and web development and is seeking new freelance/contract opportunities to further my portfolio.

Professional Certifications and IT Skills

Front End:

JavaScript, Typescript, HTML5, CSS, React, Angular, Vue, JQuery, Redux, RxJS, MobX, ngRx, Ionic Framework, Cordova, Capacitor, Web Components, Stencil JS, Python, Bash, Jest, Fastlane, Git, Java, Swift

Back End:

Firebase RTDB & Cloud Firestore, Firebase Cloud Functions (NodeJS and TypeScript), Firebase Cloud Messaging, GCP, Travis CI, Gitlab, RESTful APIs, AWS EC2, AWS S3, Adobe Analytics, MySQL, MongoDB, PouchDB, ORACLE, DB2

Applications and OSes:

IBM Maximo 7.x, 6.x, 5.2, 4, IBM MobileFirst, Maximo Anywhere, BIRT, WebSphere Application Server, Sketch, iOS, MacOS, Android, *nix

Certifications

- Google Cloud: Associate Cloud Engineer <https://bit.ly/3mZMRWj>
- ITIL v2 Foundation

Employment History

Senior Software Engineer – Mobile Technology

September 2020 - Present

Cambridge Cognition, Cambridge, UK (Remote Contract)

- Hybrid app development using Typescript, React, Ionic and Capacitor. Apps integrated with wearables (Apple Watch) and the organisations' API platform for the delivery of clinical trials.

Mobile React Developer (Remote Contract P/T)

May 2019 – July 2020

Brenger, Amsterdam, Netherlands

- Conversion of an existing React web application into a mobile app using Ionic and Capacitor.
- Integration of the native geolocation plugin to obtain device data and updating it back to an API to track delivery drivers' whereabouts.
- Implementing the CI build process for iOS and Android on Gitlab CI and managing the App Store release processes.

Senior Hybrid Mobile Developer / Web Developer (Remote Contract)

February 2017 – Sept 2020

Pfizer, London, UK

- Mobile architecture and development using cutting edge web technologies as part of the distributed Cloud Apps Team within Pfizer Business Technology.
- Lead developer on the first hybrid mobile application to be successfully delivered into production by the team; a patient focused metastatic breast cancer care app for the Argentinian market. App had integrations into a custom middleware layer built on PHP and noSQL backend build on Couchbase as well as Drupal CMSs'.
- Lead developer on a flagship quit smoking app for the Australian market. App features included gamification elements such as unlocking badges, information content including video / audio and a social newsfeed with the ability to react to other app users to encourage other app users on their quit smoking journey.
- Part of a team delivering the businesses key health care professional portal for the US market, built from the ground up using web components. I was also a lead front end developer customising a third-party cloud authentication solution for HCPs for several global markets.
- Contributed to the teams' legacy Angular component library and new Stencil JS web component based library with a calendar UI component and HTML5 audio/video player. Presented project showcases at the team conference. Involved in team architecture decisions and roadmaps for upcoming apps and project pipelines.

Mobile Solution Architect (Contract)**March 2015 – January 2017****KeolisAmey Docklands, London, UK**

- Member of mobile solution team, responsible for design and development of enterprise apps, primarily to be used in conjunction with Maximo 7.5 as part the new asset management solution for the franchise.
- Hybrid app development using the IBM MobileFirst platform and the Ionic Framework. Responsible for the design and build from the ground up of the Work Management apps, a core aspect of the customer's business processes.
- Separately project managed a 3rd party contractor, designing a Maximo and mobile solution which enabled their cleaning SLAs to be adhered to more effectively, replacing their existing paper-based processes.

Senior Maximo Consultant (Contract)**January 2013 – March 2015****London Underground (previously Tubelines Ltd), London, UK**

- Team member on a major business transformation programme consolidating the legacy Maximo 5.2 and MXES environments to Maximo 7.5 for the Jubilee, Northern and Piccadilly line operations and maintenance organisation.
- Operating under an Agile methodology using tools such as Atlassian Jira, Bitbucket and Jama Contour; development tasks focused using JavaScript based TRM Rules Manager to customise the application where possible due to increased speed to market and flexibility.
- Lead development and technical design resource for the first go-live of the programme, focused on the Control Centre, a 24/7/365 operation through which faults on the underground are reported.

Maximo Consultant (Contract)**January 2011 – December 2012****SABMiller, Woking and Reading, UK**

- Employed on a contract basis for the implementation of two new Maximo 7.2.1 solutions. Initial project was the delivery of a new federated Service Desk for the global business with integration to regional Service Desks for the South Africa / LatAm / European businesses and other 3rd party service providers. The second project is the separate implementation of a European wide Service Desk based on Maximo 7.2.1
- Lead consultant responsible for the build of several clustered WebSphere and DB2 environments supporting Maximo for development, QA, pre-production and production.
- Implemented a new Change Management application / database changes and new workflow. Workflow included custom functionality allowing approvers to be driven from the CMDB streamlining the previous use of response plans.
- Part of a team working on build and design of ITSM application with database changes and workflow development. Also involved in development of BIRT reports used for SLA measurement for the business and the service providers using the Maximo solution.
- I hosted several training sessions to regional Service Desk users face to face around the world and via web conference for different process areas. In support of this I also authored extensive training documentation.

Maximo Consultant (Contract)**August 2010 – January 2011****EADS Astrium, Portsmouth, UK**

- A member of a Maximo development team on a major satellite communication implementation project.
- Subject Matter Expert and responsible for design and implementation of Configuration and Change Management process areas suitable for the delivery of a network control centre and best use of the Maximo product suite.

Consultant**February 2007 – August 2010****Pirean Ltd, London, UK**

- Lead project resource implementing a new Order Management solution and business processes alongside integration from Maximo into an external order fulfilment system using XSL/XML via the Integration Framework
- Lead consultant on a major IT Service Management programme with a solution comprising TSRM/CCMDB/TAMIT (Maximo) 7.1 and TADDM
- Led the management information and reporting work stream for the consultancy's flagship logical access and identity management programme for a global bank
- Authored technical whitepapers, one of which was published in the monthly IBM Service Management newsletter sent to Business Partners and customers.

Career break**June 2006 – December 2006**

- Spent 6 months backpacking solo through SE Asia, Australia, New Zealand and Japan.

Systems Analyst**July 2004 – June 2006****Atkins Corporate and Retail Asset Management, Leeds, UK**

- Main IT support resource for a facilities management helpdesk, maintained local intranet pages and carried out database support for the bespoke helpdesk software and backend invoicing application Maximo 4.1.1.

Summary of Education:**Leeds Metropolitan University, UK****September 2001 – June 2004****Bsc (Hons) Computing – Systems Analysis and Design**

Upper Second Class Honours [2:1]

Other information

Native spoken and written English, interests include participation in running events, basketball, foreign travel, languages and cookery.

References Available on request