

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 senior software roles focused on hybrid mobile applications and full stack development and seeking new freelance/contract opportunities to further my portfolio - <https://eugenecross.co/>

Professional Certifications and IT Skills

Front End:

JavaScript, Typescript, HTML5, CSS, React, Angular, Ionic Framework, Cordova, Capacitor, React Native, Vue, JQuery, Redux, RxJS, MobX, ngRx, Web Components, ChartJS, Storybook, 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, Google Analytics, 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, Figma, iOS, MacOS, Android, *nix

Certifications

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

Employment History

Senior Mobile Developer

Aurena Tech, Austria (Remote Contract)

Oct 2022 – Present

- Lead mobile developer working on a business facing mobile app to digitise the auction distribution process. App built using React, Ionic & Capacitor

Senior Ionic Angular Developer

July 2022 – Oct 2022

Wealth Dynamix, UK (Remote Contract)

- Setup a PoC Ionic / Capacitor app integrating with the company's flagship client relationship management CMS to be used for banking organisations to facilitate client onboarding, customer KYC and ID&V.

Full Stack Developer

October 2021 – Present

Hostcomm, UK (Remote Contract P/T)

- Architecting and building a remote video inspection web app (React / Twilio / WebRTC / AWS Amplify / NodeJS) hosted on AWS and backend built on MongoDB.

Senior Mobile Engineer

March 2021 – July 2022

RocketLawyer, London, UK (Remote Contract)

- Brought in to upgrade and improve existing Ionic / Cordova app, improved the star rating to 4.8 in first 3 months.
- Setup the app development and release process from scratch including git releases, tagging and versioning, PR templates, build scripts and app store releases. I also assisted with recruitment for the team
- Assisted with features on next generation React Native app.

Senior Software Engineer – Mobile Technology

September 2020 – March 2021

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 and graphs built with ChartJS.
- 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.
- I was also a lead front end developer customising a third-party cloud authentication solution (Janrain) for HCPs rolled out to 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.

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
- 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**

- 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**

- Technical consultant on various IAM and ITSM projects for clients in the UK such as Barclays, DEFRA and Aviva

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**

- IT Support and report developer for a FM helpdesk.

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.

