

# Eugene Cross

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## Profile

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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 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 full stack development and mobile applications and am seeking new freelance/contract opportunities to further my portfolio - <https://eugenecross.co/>

## Professional Certifications and IT Skills

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### Front End:

JavaScript, Typescript, HTML5, CSS, React, Angular, Ionic Framework, Cordova, Capacitor, React Native, Vue, JQuery, Redux, RxJS, MobX, ngRx, Web Components, ChartJS, Storybook, StencilJS, Python, Bash, Jest, Fastlane, Git, Swift, Java, Google Analytics.

### Back End:

Firebase RTDB & Cloud Firestore, Firebase Cloud Functions (NodeJS and TypeScript), Firebase Cloud Messaging, NodeJS, GCP, GraphQL, 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

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### Senior Mobile Developer

#### Aurena Tech, Austria (Remote Contract)

Oct 2022 – July 2023

- 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 custom 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 with a backend built on MongoDB.

### Senior Mobile Engineer

March 2021 – July 2022

#### RocketLawyer, London, UK (Remote Contract)

- Brought in to upgrade and improve an existing Angular 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)**  
**Brenger, Amsterdam, Netherlands**

**May 2019 – July 2020**

- 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)**  
**Pfizer, London, UK**

**February 2017 – Sept 2020**

- 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 health care professionals 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)**  
**KeolisAmey Docklands, London, UK**

**March 2015 – January 2017**

- 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 3<sup>rd</sup> 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)**  
**London Underground (previously Tubelines Ltd), London, UK**

**January 2013 – March 2015**

- 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)**  
**SABMiller, Woking and Reading, UK**

**January 2011 – December 2012**

- 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 3<sup>rd</sup> 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)**  
**EADS Astrium, Portsmouth, UK**

**August 2010 – January 2011**

- 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**  
**Pirean Ltd, London, UK**

**February 2007 – August 2010**

- 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**  
**Atkins Corporate and Retail Asset Management, Leeds, UK**

**July 2004 – June 2006**

- IT Support and report developer for a FM helpdesk.

**Summary of Education:**

**Leeds Metropolitan University, UK**  
**Bsc (Hons) Computing – Systems Analysis and Design**  
Upper Second Class Honours [2:1]

**September 2001 – June 2004**