

# Hello I'm Alex

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## Technical Skills

React; TypeScript; ESNext; GraphQL; Apollo Client; React Query; Next.js; Redux; Jest; Enzyme; RTL; Cypress; Pact (Contract Testing); OAuth2; D3.js (Charting); Node; JVM languages (incl. Kotlin; Java; Scala; Groovy); SpringBoot; Axon (CQRS); Segment (Analytics); Kibana (Logging); Jaeger (Tracing); Solr; Jira; Figma; Git; CI/CD via GitHub Actions; AKS/K8s; CosmosDB (NoSQL); Helm; Istio; Vault

## Experience

JANUARY 2020 - PRESENT

### **iManage, London** – *Staff Software Engineer (Full-Stack)*

- FE technical lead for an agile, cross-functional and globally-distributed team, delivering a cloud-native enterprise search application (Insight+) backed by Apache Solr, with microservice architecture deployed in AKS and automated CI/CD for service deployment.
- Pivotal in architecting and implementing the React/TS/GraphQL search and configuration frontend apps, as well as a key contributor to several backend services within the FE stack.
- Collaborated with data science teams to integrate AI/ML tools (incl. metadata extraction doc-type classification; RAG) into Insight+ to elevate product capabilities and deliver value.
- Lead developer for in-house React component library. Close engagement with engineering and UX teams since inheriting the project has driven implementation to more than a dozen iManage products globally, as well as several 3rd party partner integrations, ensuring a consistent, accessible and i18n-compliant user experience across the iManage ecosystem, and significantly reducing delivery time for new frontend features in all products.
- Champion for code quality and testing standards across the engineering department. Strong code review skills ensure highly-maintainable, thoroughly-tested and bug-free code from all members, as well as proactively reducing tech debt in legacy code.
- Deep product and domain knowledge facilitates active engagement with stakeholders (incl. product management; UX; support; professional services) to help steer product direction and user experience; tackle in-life bugs efficiently; and provide effective product support - all ensuring a better product and experience for the customer and users.
- Self-motivated to own feature delivery from inception to release, providing accurate effort and risk estimates for effective planning and execution to maximise project success. High developer throughput and strong emphasis on quality ensure fast and correct delivery.
- Experience mentoring, managing and leading engineers of varying ability levels, leveraging my experience and expertise to guide the technical and professional growth of others.

AUGUST 2017 - DECEMBER 2019

### **Taggstar, London** – *Software Engineer*

- Worked closely with some of the largest retailers in the UK & EU to integrate and optimise a SaaS solution for ecommerce conversion uplift, fostering strong B2B client-relation skills, with confident and articulate technical communication skills.
- Key contributor to conceptualisation and development of ‘Taggstar v3 core library’, affording customers a wealth of additional features, including simpler, more fine-grained control over 3rd party experimentation of Taggstar, as well as ability to perform ABN and multivariate tests.
- Single-handedly developed an enterprise-grade customer dashboard within a microservice ecosystem, with graphical & tabular usage and performance reporting, and a complete self-service platform configuration suite.
- Clear understanding of the full engineering domain, provides ability to suggest cross-cutting process improvements with proper impact analysis.
- AWS for service deployment, monitoring & persistence (incl. Athena; CloudWatch; EC2; S3).

JUNE 2017 - AUGUST 2017

### **Thirty Degrees, Warwickshire/London** – *Co-Founder, Full-Stack Engineer*

- Short-term freelance and contracting work with a number of small businesses and start-ups.
- Developed B2B client relation skills, generating new - and maintaining existing - business.

## **Education**

SEPTEMBER 2014 - JULY 2017

### **University of Warwick, Warwickshire** – *Computer Science BSc (1st Class Honours)*

## **Awards**

DECEMBER 2023

### **Team of the Year** – *iManage*

- Company-wide “team of the year” award: for the Insight+ development team and product.

DECEMBER 2022

### **Inclusion in Action** – *iManage*

- Company-wide employee award: for driving organic, employee-led return-to-office initiatives post-pandemic across the London and Belfast offices.
- This revived in-person company culture & cross-team collaboration, and improved morale.

DECEMBER 2021

### **Engineering Excellence** – *iManage*

- Company-wide employee award: for significant contributions to feature delivery, as well as championing improvements to testing standards and coding quality across the department.