



# Max Kuklin

## Software Engineer

London, United Kingdom

15+ years of professional experience building web-based applications.

Diverse technical background. Hands on experience developing backend, frontend, cloud infrastructure and UI/UX.

Track record of providing technical leadership to organization. Experience building and managing engineering teams, working with stakeholders, acting as Product Owner in enterprise setting.

Passionate for quality, high performance and business oriented cost effective solutions.

### Contacts

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### Keywords

Software Architecture, Distributed Systems, Cloud Infrastructure, DevOps, Platform Engineering, People Management, UI/UX Design, Product management, Change Management, Monolith to Microservices Transition, Sensible Automated Testing

JavaScript, Node.js, Sails.js, NestJS, Backbone.js, Underscore.js

SQL, PostgreSQL, Oracle, MySQL

Kubernetes, Istio Service Mesh, Kafka, Redis, Flux CD, Patroni, Grafana, Prometheus, ELK

AWS, EKS, Cluster Autoscaler, LB, EC2, Spot Instances, EBS, S3, Route 53

HTML/CSS, Bootstrap, React, Next.js

ColdFusion, PHP

Agile, Scrum, Sprints, Stand-ups, Jira, Notion, Figma

## Director of Engineering

### M3 Global Research, Jul 2021 – Present

- Created architecture and managed development of new customer facing multi-branded website which dramatically reduced time and cost for integration of new business acquisitions
- Created frontend team, hired engineers and introduced React to the organization
- Created comprehensive observability platform based on Grafana and Prometheus for monitoring infrastructure, applications and business metrics to ensure reliable uninterrupted operations of the organization
- Implemented autoscaling of Kubernetes cluster utilizing AWS Spot instances which contributed to 20% reduction in cloud costs
- Oversaw development and implementation of automated testing strategy for each tech stack

## Lead Software Engineer

### M3 Global Research, Feb 2018 – Jun 2021

- Architected payment system processing 1M+ transactions annually servicing 36 countries and having saved the organization \$150K+ in payment processing fees the first year alone
- Introduced new development platform based on microservice architecture
- Ensured seamless developer experience between monolithic and microservice applications
- Introduced new tech stack based on Node.js, PostgreSQL, Kafka, CI/CD pipeline with automatic testing, security audit and release to production

## Senior Software Engineer

### M3 Global Research, Jun 2011 – Jan 2018

- Introduced new development platform based on MVC principles
- Developed new bidding tool contributing to 30% YoY sales growth
- Led development of multiple web-based projects to serve 500+ internal users and 100K+ customers
- Consulted on architecture of in-house survey builder which allowed company to program 6K+ surveys in a year with no license fee

## Software Engineer

### Xtenda, Oct 2009 – May 2011

- Developed and maintained website and internal operations platform for a UK-based mobile phone company
- Developed a coupon aggregator website with extensive use of vendor APIs

### Formal Education

## Associate's degree in Computer Science

Mari El State Engineering College

Sep 2004 – Jun 2008