

KEITH CORRIGAN

Senior Software Engineer

+44 2895 81 7733 • keithcorrigan217@gmail.com • linkedin.com/in/keith217 • Belfast, Northern Ireland

Summary

A results-oriented Senior Software Engineer with over 12 years of experience in design, development, and test experience on everything from mobile software and web applications to protocols and APIs. Strong emphasis on advanced JavaScript frameworks and best practices which reduce the development cost of software while improving quality. Proven track record of leading projects from planning to completion, on time and within budget. Enjoy working with a team of talented members collaboratively solving problems and building inspiring products.

Education

Ulster University

B.S. in Information Technology

Belfast, Northern Ireland

09/2008 - 04/2012

Experience

Fortunes Tech

Senior Software Engineer

Liverpool, UK

05/2021 - Present

IT Services and IT Consulting

- Mentored and provided technical guidance to an engineering team of 10+ members.
- Spearheaded the transition of a social media application from LAMP stack to modern NextJS & React Native-based architecture.
- Led and participated in the development of various web and mobile applications using cutting-edge technologies, including React, React Native, Next.js, Node.js, Python, Laravel, and Golang.
- Actively contributed to code reviews, ensuring code quality, maintainability, and adherence to best practices.
- Responsible for the DevOps role using GCP, AWS, Kubernetes and Docker.

VelocityGlobal

Senior Software Engineer

Denver, CO USA

05/2020 - 05/2021

Software Development

- Led the development of Customer Experience Platform(CXP)-client company's internal managing platform with a team of senior developers leveraging React, NestJS, PostgreSQL, GraphQL, Docker, and AWS.
- Built a semi-auto mechanism integrating Glean into CXP using MERN stack and third-party APIs.
- Participated in the development of a Document Management Platform(DOCX), providing FormKiQ and OPA solutions, and building high-performance RESTful APIs using TypeScript, Node.js, Golang, and GraphQL, handling an average of 10,000 requests per minute.
- Collaborated with staff and principal engineers to provide proof of concept, TDD, and design and develop robust solutions to meet client requirements.
- Mentored less experienced team members to follow the advanced principles and conventions.

Cognizant

Software Engineer

London, UK

07/2017 - 04/2020

IT Services and IT Consulting

- Created RESTful API endpoints using Node.js, Elixir, Flask, Laravel, MongoDB, MySQL, PostgreSQL, Redis, Amazon Web Services, Azure and GCP.
- Created automated testing framework in Mocha + Chai + Simon for unit tests and e2e UI tests.
- Implemented microservice architecture to upgrade efficiency of CRM system by 40%.
- Enhanced functionality of e-commerce platform to increase ability to scale and build new systems.
- Participated in migrating monolithic architecture to microservice architecture to improve performance of platform and data.
- Investigated, prototyped and delivered new and innovative software applications.
- Delivered high quality software through working in a dynamic, team-focused Agile/Scrum environment.

Experience

SureSkills

Software Engineer

Belfast, UK

05/2015 - 06/2017

Information Technology & Services

- Developed e-commerce websites and mobile applications, encompassing design, coding, testing, and maintenance whilst supervising a team of 3 intern developers.
- Spearheaded the successful refactoring of the client-side web architecture to introduce a reliable SPA.
- Refactored old codebase and converted class based components into functional components based on React hooks.
- Optimized web applications for maximum speed and scalability, resulting in a 30% reduction in page load times and a 20% increase in overall system performance.
- Collaborated with the DevOps team to implement continuous integration and continuous delivery (CI/CD) practices, reducing software release times and minimizing production issues.

SureSkills

Frontend Engineer

Belfast, UK

11/2013 - 04/2015

Information Technology & Services

- Developed frontend applications using React, Redux, Typescript, Styled-components, GraphQL, Bootstrap, etc.
- Developed and maintained a scalable microservice architecture using React.js and Node.js, supporting a 50% increase in user traffic and a 40% increase in revenue.
- Significantly improved the organization's page speed and scalability through creative combinations of UI templates.
- Provided support to senior engineers after becoming proficient in React.js, resulting in a stronger, more efficient tech team.

Version 1

Software Engineer

Belfast, UK

05/2012 - 10/2013

IT Services and IT Consulting

- Utilized tools like LESS and SASS for CSS development.
- Developed iOS & android map research mobile application from scratch to deploy.
- Participated in the initial wave of developers learning and implementing Laravel, WordPress, and React.
- Increased site traffic by programming user-oriented visuals and features using front-end languages, including JavaScript and PHP.
- Participated in building an analytics platform with senior developers, and focused on standard workflow & best practices.
- Integrated third-party tools and components into applications.

Skills

Full Stack Development · Technical Leadership · Test-Driven Development · Agile Development · Solution Architect

Client-Side:

React.js · Next.js · VueJS · Angular · D3 · React Redux · React Native · Flutter · Backbone · Storybook · Bootstrap · Tailwind CSS · MUI · Ant Design · MobX · Zustand · Figma · Adobe XD

Server-side:

NodeJS · Express · Laravel · NestJS · Django · Redis · GraphQL · Elasticsearch · MySQL · PostgreSQL · MongoDB · DynamoDB · AWS · Azure · Firebase · Supabase

Development & Operations:

Jenkins · JUnit · NUnit · PyUnit · Mocha · Jest · Scrum · Agile · GIT · Kafka · HubSpot · Docker · Kubernetes · Jira · Azure DevOps