

Millie Clare

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A software developer with an enthusiasm for learning new skills and applying them in practical applications. Experienced in both Ad Tech and FinTech, with an emphasis on cross-functional collaboration. Technical expertise in React, React Native, TypeScript and related web technologies.

Technical Skills

- JavaScript (ES6, Node, NPM)
- HTML5 & CSS
- TypeScript
- React (v18)
- React Native
- Git (Gitflow Workflow)
- Jest & React testing library
- Cypress

Previous Employment

Software Developer in the Investors and Savings team – Zopa

Dec 2020 – Present

At Zopa, a bank prioritizing user experience, my contributions have driven technical innovation and product success, marked by significant achievements:

- **Rapid Project Delivery:** Supported the Peer-to-Peer Next Gen project launch within three months, leveraging new skills in GraphQL and TypeScript, using React 18.
- **Product Innovation:** Developed and launched Smart Saver, Zopa's first mobile-only savings product, through self-taught React Native skills. The product significantly contributed to savers earning, on average, 4.5x more interest compared to traditional high street banks.
- **Impactful Results:** Played a key role in expanding Zopa's Savings product line, contributing to the company reaching £3 billion in deposits in 2023.
- **Design Implementation:** Efficiently translated high-fidelity designs from Sketch and Figma into functional app features, enhancing user interface and experience and reducing customer service contact to less than 2%.
- **Technical Debt Reduction:** Collaborated with engineers from other products to manage mobile platform technical debt, developing tools such as the Zopa Assistant that improved operational efficiency and quality of life for non-technical colleagues.
- **Stakeholder Engagement:** Effectively communicated project progress through presentations and demos to a broad audience, including technical and non-technical stakeholders.
- **Quality Assurance:** Authored and maintained robust test suites using Jest and Detox and organised exploratory testing sessions, adopting a proactive approach to ensure the highest quality of code.
- **Process Improvement:** Proactively identified and addressed inefficiencies in our development processes. Implementing strategic solutions that guaranteed timely code integration for Savings projects, thereby eliminating delays in releases.

My tenure at Zopa has been characterized by a steadfast commitment to innovation, quality, and a user-first approach, significantly impacting the company's product offerings and financial success.

Junior Developer in Ads, Mail Online

Apr 2019 – Sept 2020

As a member of the development team at Mail Online, one of the leading English-language newspaper websites globally, my contributions included:

- **Project Execution:** Successfully delivered multiple projects on schedule, collaborating effectively within a dynamic team comprising three senior and one junior developer within the Ads domain, including the front page of Mail Online.
- **Technical Debt Reduction:** Spearheaded the refactoring and migration of the existing codebase to more modern implementations, specifically around unit testing, significantly reducing technical debt and enhancing system performance.

- **Innovative Tool Development:** Engineered a specialized application enabling developers to utilize PQL for querying a database of Google Ad Creatives. This tool was instrumental in identifying unused functions within our codebase and optimizing resource utilization.
- **Proof of Concept Creation:** Developed several key proofs of concept (POCs) for the team, notably an application that provided project managers with real-time insights into data latency issues in Apache Druid, facilitated by Pivot. This initiative improved project management efficiency and data handling processes.

Technical Support Assistant, Decibel

Nov 2018 – Apr 2019

As a key member of the team at Decibel, a pioneering start-up specializing in digital analytics solutions for websites and apps, I played a crucial role in enhancing client digital experiences through strategic integration and support:

- **Client Collaboration:** Worked directly with high-profile clients, including British Airways and LV=, to seamlessly integrate Decibel's Digital Experience Solution into their websites. This collaboration resulted in improved digital analytics capabilities and enriched user experience insights for the clients.
- **Issue Resolution:** Acted as the initial point of contact for client support, efficiently performing triage on incoming issues. My role involved promptly resolving concerns or escalating them to the appropriate teams, ensuring client satisfaction and continuity of service.
- **Technical Support and Optimization:** Provided expert technical support to clients, focusing on troubleshooting, debugging, and optimizing their integration of our solutions. I played a pivotal role in enhancing clients' understanding of user journeys, leading to more informed decision-making and improved digital experiences.

Music Curriculum Leader, Sarah Bonnell School

Sept 2015 – Aug 2018

- **Leadership & Development:** Led a diverse team, mentoring staff in professional growth, showcasing my ability to inspire and guide teams towards excellence.
- **Project Management:** Orchestrated sell-out, cross-curricular events by leading the Expressive Arts team, demonstrating skills in event planning, coordination, and execution.
- **Collaborative Innovation:** Played a key role in the Newham Community Opera, a collaborative project with borough-wide impact, highlighting my proficiency in stakeholder engagement and project innovation.

Music Teacher, Westminster Academy

Sept 2013 – Aug 2015

- **Quality Assurance & Compliance:** Managed the BTEC Music program's internal verification process, ensuring all assessments met regulatory standards, underlining my attention to detail and commitment to maintaining high standards.

Education

MSc in Computer Science, Birkbeck University - Distinction	2020 – 2022
Level 4 Apprenticeship in Software Development, BCS	2019 – 2020
Postgraduate Certificate in Education in Music, Canterbury Christ Church University	2013 – 2014
BA (Hons) Music, Bangor University	2010 – 2013