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# MERLIN PAHIĆ

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## Profile

Experienced staff engineer at *EIDU*, with a broad range of experience of technical and architectural design as well as stakeholder management, collaboration and presenting conference talks. Expertise in Java and Kotlin full-stack development, including offline-first Android app development and microservice backends deployed serverlessly on AWS. Excited to explore new challenges.

## Experience

### Staff Engineer at EIDU GmbH - 2020–Present

Staff Engineer (2025–Present), Lead Engineer (2022–2024), Senior Software Engineer (2020–2022)

- Supporting the engineering teams with challenges such as scaling and development for different countries including areas with low or intermittent internet connectivity.
- Keeping the organisation up to date on best practices, including new testing methodologies.
- Design and development of greenfield projects as well as maintenance and further development of mature and legacy codebases.
- Working full-stack across EIDU's products, including Kotlin Android app development, Kotlin backend microservices deployed serverlessly on AWS, and web development in TypeScript with React and Elm.
- Working effectively internationally, with a geographically distributed team based in Germany and Africa, using both async and live communication, to build the platform and to drive quality improvements.
- Collaborating with stakeholders, up to C-level, ensuring clear requirements and defining scope.
- Mentoring and supporting engineers in their development.
- Conducting technical interviews as well as developing EIDU's new process for technical interviews.
- As Lead Engineer (2022-2024), managing a full stack team developing a platform to implement a holistic educational programme in low and middle-income countries. Helping engineers grow in their roles, as well as taking care of any needs they have.
- Leading a modularisation project for a large complex codebase, improving build times, as well as making the code more maintainable and easier to onboard on.
- Designing an event replay solution to improve performance in the Android Apps.

### Software Developer, [j]karef GmbH — 2017–2020

- End-to-end software development including requirements engineering, technical design, implementation and automated testing.
- Collaborating with internal stakeholders as well as external clients.
- Android app development in Java, as well as backend development in Java and Python.
- Development of a desktop application using C++.

### Elm Learning Coach, Bridge Troll — 2019–2020

- Helping beginners learn to code using Elm, a functional programming language for the frontend.
- Providing coaching and support, explaining functional programming concepts.

## Conference talks

- FOSDEM 2025: “Unlocking the Power of Property-Based Testing”
- Lambda Days 2025: “Local-First App Development with Event Sourcing: A Functional Approach in Kotlin”

## Education

University Studies in Computer Science, Humboldt University of Berlin — 2011–2016

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