Oleg Mihajlov

oleg@mkpwnz.moe | [LinkedIn](#) | [GitHub](#) | [Website](#) | Berlin, Germany

EXPERIENCE

[Stripe](#)   **May 2024 – Aug 2024**
Observability Software Engineer, Internship   Dublin, IE
- Directed collaborative efforts with 3 cross-functional teams to gather requirements and refine the tool designed to reduce unused Prometheus metrics
- Engineered a tool to analyze metric usage and associated costs, enabling potential **savings of 40%+** for Amazon Managed Prometheus by facilitating the removal of unused metrics
- Designed and implemented a near real-time data pipeline and user interface, achieving 80% of stretch goals and enhancing overall project efficiency
- Gathered feedback to address challenges and optimize performance, resulting in improved usability and faster data processing

[Spotify](#)   **Jun 2023 –Aug 2023**
iOS Software Engineer, Internship
- Spearheaded a project to improve performance and enhance user experience
- Optimized team's codebase, enhancing code reuse and enabling the removal of over **4,000 lines** of obsolete code, thereby improving maintainability
- Elevated test coverage to more than 90% for pre-existing modules by developing robust automated testing suites
- Enhanced the Podcast Episode page by implementing data-driven design changes, leading to a **4.3% increase in user retention** and a 15% boost in user engagement within 3 months

EDUCATION

Technical University of Berlin   **Oct 2022 - Present**
Bachelor of Computer Science   Berlin, DE
- Garnered a recommendation from the Algorithms and Data Structures professor, highlighting exceptional performance and ranking among the **top 20%** of students during the summer semester of 2023.

Studienkolleg TU Berlin   **Sep 2021 - Jun 2022**
T-Course   Berlin, DE

OTHER

- **Participation in [Makeathon 2024](#) by [TUM.ai](#)**
- **Languages**: English (fluent), German (B2), Russian (native)

PROJECTS

[Hanami - Manga Reader](#)
- Pioneered the development of MangaDEX iOS app, prioritizing CoreData and UI enhancements
- Established a comprehensive testing and bug reporting via Apple TestFlight
- Drove 5,000+ app downloads by enhancing app performance and user interface

SKILLS

- **iOS development**: Swift, SwiftUI, UIKit, CoreData, MVVM, MVC, TCA, Unit testing
- **Data processing**: Apache Spark, Apache Airflow, Scala, Prometheus
- **Web Development:** TypeScript, React, Jest, ASP.NET, Entity Framework