

AAMIR SUHIAL MIR

SENIOR SOFTWARE ENGINEER (iOS)

📍 Berlin, Germany @ contact@aamirmir.dev 🌐 aamirmir.dev in aamir-suhial-mir 🔄 AamirSuhial

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Wolt | DoorDash

📅 January 2023 to Present 📍 Berlin, Germany

- Own the iOS payments surface across Wolt, DoorDash, and Deliveroo, including tokenization, authorization, capture, 3DS/SCA, redirects, reconciliation, and failure recovery.
- Designed a protocol-driven SDK that unifies more than 30 payment methods and 22 providers within a single cross-brand architecture.
- Integrated Adyen, Finaro, Stripe, Braintree, Spreedly, ProcessOut, Worldpay, Juspay, Apple Pay, PayPal, bank redirects, BNPL, and market-specific rails including SZEP benefits.
- Built server-driven payment interfaces alongside gift cards, balance top-ups, credits, tipping, stored balance, meal benefits, and corporate invoicing.
- Led the migration to Swift 6 strict concurrency and strengthened PCI-compliant delivery, end-to-end payment automation, observability, and staged rollouts using feature flags and experiments.

Lead Software Engineer, iOS

ASTRIVIS

📅 October 2022 to December 2022 📍 Zurich, Switzerland

- Led the development of Astriscan’s iOS foundation, turning iPhones into professional 3D scanners for orthotics, prosthetics, footwear, and eyewear.
- Built real-time capture feedback, integrated RGBD camera APIs, and generated 3D models on the device, providing an initial preview in under 30 seconds.

Technical Lead, Senior Software Engineer

KFZTEILE24 GMBH

📅 October 2020 to September 2022 📍 Berlin, Germany

- Led iOS architecture and delivery for Germany’s leading online auto-parts retailer, shipping product discovery, checkout, and order-tracking experiences.
- Introduced modular architecture and stronger testing and review practices while mentoring junior and mid-level engineers.

iOS Engineer

AMBOSS GMBH

📅 July 2019 to September 2020 📍 Berlin, Germany

- Helped rebuild the AMBOSS Knowledge and Q-Bank apps, used by doctors and students in more than 180 countries.
- Delivered a scalable, offline-capable architecture and carefully crafted reading, navigation, and exam-preparation experiences.

SUMMARY

Senior Software Engineer specializing in iOS architecture, product engineering, and FinTech. I have more than 10 years of software engineering experience, including over 7 years building iOS products for Wolt, DoorDash, Deliveroo, medical education, e-commerce, and enterprise mobility. I design modular SDKs and reliable interfaces that make complex systems feel straightforward.

CORE STACK

Swift UIKit SwiftUI Objective-C
Swift Concurrency

ARCHITECTURE AND QUALITY

Clean Architecture Modular SDKs
Server-Driven UI
Dependency Injection
Protocol-Driven Design XCTest
Swift Testing Maestro E2E
OpenTelemetry

PAYMENTS AND FINTECH

3DS / SCA PSD2 PCI DSS
Tokenization Apple Pay Adyen
Finaro Stripe Braintree Spreedly
ProcessOut Wallets Gift Cards
Credits and Top-Ups
Corporate Invoicing

BUILD AND DELIVERY

Bazel Swift Package Manager
Bitrise Fastlane GitHub Actions
Feature Flags Experimentation

EARLIER EXPERIENCE

iOS Developer

CORTADO HOLDING AG

📅 January 2018 to June 2019

📍 Berlin, Germany

- Developed enterprise mobile device management, secure workspace access, File Provider integration, and cloud printing for Cortado and ThinPrint products.

iOS Developer

TIGNUM GMBH

📅 February 2017 to December 2017 📍 Berlin, Germany

- Built an iOS executive performance coaching product from the ground up, with responsive layouts, custom interactions, and carefully tuned animation, performance, and stability.

Junior iOS Developer, Intern

NEWSENSELAB GMBH

📅 December 2016 to February 2017 📍 Berlin, Germany

- Contributed to early-stage iOS product development while completing graduate studies at TU Berlin.

SELECTED UNIVERSITY PROJECTS

Cloud Infrastructure

Incident Management Chatbot



📍 TU Berlin

- Co-developed a system that automated incident response across chat, voice, and monitoring platforms.
- Connected Amazon Connect and AWS Lex to Lambda, CloudWatch, and Prometheus so engineers could inspect and escalate incidents without continuously monitoring a dashboard.
- Defined the infrastructure with Terraform. View the team repository.

Advanced Web Technologies

Blockchain Meets Media



📍 TU Berlin

- Built a decentralized music distribution application using Solidity, Ethereum, Truffle, IPFS, MetaMask, and JavaScript.
- Smart contracts handled ownership and royalties while content-addressed storage kept audio outside a central server.

Elastic Computing

AWS Rekognition vs. Google Cloud Vision



📍 TU Berlin

- Benchmarked face, label, text, and logo detection for correctness and completeness across two cloud computer vision platforms.
- Implemented comparable pipelines with Python, Java, AWS Lambda, PHP, and serverless infrastructure.

Research Publication

Privacy and Security in Social Networks



- Examined personal data exposure through default visibility, third-party access, and inferences drawn from public social graphs.

EDUCATION

Computer Science

TECHNISCHE UNIVERSITÄT BERLIN

📅 2016 to 2019

📍 Berlin, Germany

Distributed Systems and Software Engineering

Computer Science

JAMIA HAMDARD

📅 2012 to 2014

Bachelor of Computer Applications

UNIVERSITY OF KASHMIR

📅 2009 to 2011

LANGUAGES

English

Professional proficiency

German

Working proficiency

Kashmiri

Native

SELECTED CONFERENCES

- AWS Summit Berlin, 2022
- Apple WWDC, 2020 (online)
- AWS Summit Berlin, 2019
- AWS Summit Berlin, 2018

PROFILES

🐙 Personal GitHub

🐙 Wolt | DoorDash GitHub

in LinkedIn

🔗 aamirmir.dev