BURAK ÇAPARLAR

Senior Android Engineer

Kotlin and Jetpack Compose with Agentic Development

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PROFILE

Senior Android engineer with mobile development experience dating to 2015. Builds consumer products with Kotlin, Java, and Jetpack Compose, with experience across e-commerce, banking, travel, and utilities. Additional experience in Swift iOS development and Python backend work.

Combines hands-on Android engineering with Claude Code workflows built around specialised agents and custom skills. Applies AI to design-to-code work, implementation, review, and test planning, while retaining responsibility for technical decisions and validation.

TECHNICAL SKILLS

Android UI Kotlin, Java, Android SDK, Jetpack Compose, Navigation, ViewBinding, DataBinding

State and data Coroutines, Flow, StateFlow, SharedFlow, RxJava, Room, Retrofit, OkHttp

Architecture and platform Clean Architecture, Hilt/Dagger, reusable UI, REST integration, WorkManager, ExoPlayer

iOS Swift, native application feature development and debugging

Delivery and quality Git, Gradle, Bitrise CI/CD, code review, crash investigation, test planning, emulator validation

Agentic systems Claude Code, specialised agents, custom skills and hooks, LangGraph state management, MCP, project context (CLAUDE.md), Figma-to-Compose, review of AI-generated code

RAG and retrieval Advanced RAG, re-ranking, Cohere Rerank

LLM integration Function/tool calling, structured outputs (Pydantic/JSON Schema), LLM/context caching, SSE streaming

Additional development Python backend development, research tooling, and automation

PROFESSIONAL EXPERIENCE

Senior Mobile Engineer | Boyner Büyük Mağazacılık A.Ş.

Apr 2026 - Present | Türkiye

- Develop Android search, listing, and product detail experiences using Kotlin and Jetpack Compose.
- Work on a shared Compose component library and a Figma-to-Compose specification pipeline supported by AI agents.

Senior Android Developer | Nesine.com

Oct 2024 - Mar 2026 | Remote

- Worked on account, payment and deposit, membership and verification, live results, and video experiences in the Android application.
- Investigated device-specific crashes and media compatibility issues across Android versions.

PROFESSIONAL EXPERIENCE CONTINUED

Senior Android Developer | Yapı Kredi Teknoloji

Feb 2022 - Oct 2024 | Istanbul

Senior Android Developer | Getir

Nov 2019 - Feb 2022 | Istanbul

Android Developer | Loodos

Sep 2017 - Nov 2019 | Istanbul

- Developed features and resolved defects for Vodafone Yanımda and IKSV Android applications.

Software Developer | Metglobal

Aug 2015 - Sep 2017 | Istanbul

- Worked as an API engineer for the HotelsPro B2B platform, integrating hotel wholesalers over REST and SOAP APIs with Python and Django.
- Also contributed to native Android and iOS application development.

SELECTED ENGINEERING WORK

Claude Code development workflows

- Designed role-specific agents with their own skills and instructions for research, implementation, review, and testing. Uses structured handoffs and human checks to evaluate the resulting code.
- Developing workflows for isolated Git worktrees, Android build and emulator checks, and review of missing functional and UI cases.

Applied AI project work

- Worked with RAG and re-ranking, structured model outputs, LLM/context caching, SSE streaming, function calling, and stateful agent workflows in projects.

newBot research platform

- Python research platform for systematic trading strategies, with pre-registered hypotheses, cost-aware backtesting, and independent review and risk checks supported by AI agents. Research stage; no live deployment.

EDUCATION

Computer Engineering | Istanbul University

2010 - 2016