

# BURAK ÇAPARLAR

Senior Mobile Engineer

Android, iOS and Agentic Development

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## PROFILE

Senior mobile engineer with Android and Swift iOS development experience and a career dating to 2015. Strongest in Android product engineering, with work across e-commerce, banking, travel, utilities, and consumer applications. Additional experience in Python backend development.

Builds Claude Code workflows using specialised agents, custom skills, and human review. Around four years of AI tool use, including early adoption of ChatGPT and Claude, now applied to implementation, design-to-code workflows, code review, and testing. Project experience includes advanced RAG, structured model outputs, and stateful agent workflows.

## 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 IKSVM 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