Thomás Oliveira Horta
Senior Software Engineer

Software Engineer with 6+ years of experience in Android Development, having built apps used by millions of people in Brazil and around the world.

Passionate about software development and always keen to learn and share knowledge about new technologies, frameworks, and programming languages to deliver high performance, high quality, well tested, and accessible products.

Self-motivated professional, and consistently recognized as a tech reference, also being interested in deeply understand products and deliver value.

Email: contact@thomashorta.com

Location: Campinas, SP, Brazil

LinkedIn: /thomashorta

Site: thomashorta.com

GitHub: /thomashorta

PERSONAL SKILLS

Analytical Problem Solving · Fast Learning · Great Communication · Critical Thinking · Empathy · Collaboration · Innovation · Team Player · Adaptability · Trustworthiness · Motivation · Sense of Humor · Self-awareness · Honesty · Organization · Prioritization · Proficient Troubleshooting · Resourcefulness

TECHNICAL SKILLS

Android Development · Kotlin · Java · Dart · Flutter · Unit Testing · UI Testing · Debugging · Gradle · Scrum · Kanban · Android NDK · MVP · MVVM · Clean Architecture · SOLID · Dependency Injection · Koin · Dagger2 · Hilt · Apollo · Retrofit · RxJava · Coroutines · Flow · ExoPlayer · Compose · Room · AWS Mobile SDK · MockK · JUnit · Espresso · Robolectric · Git · GitHub · GitLab · Gerrit · CI/CD · Bitrise

WORK EXPERIENCE

Senior Software Engineer
HOMER (a BEGiN brand)

07/2021 - 08/2022   *New York, NY, U.S. (Remote)*

Ed Tech company, on a mission to give kids the best start to their learning journey, crafting amazing apps and experiences to help kids learn and become enthusiastic learners using the proven HOMER method.

- Worked on a distributed team in the flagship HOMER app, a kid facing application focused on learning using the HOMER method, through video and interactive lessons played by internal JS game engines and ExoPlayer.
- Contributed to internal framework libraries used for parent user management, lesson playing, and analytics, communicating with services such as Amazon AppSync (GraphQL), AppsFlyer, and Embrace.
- Pushed the team to improve and monitor code quality through implementation of unit tests, increasing the code coverage by 20%, creating and using tools to analyze and share code coverage via Bitrise CI.
- Active participant in discussions and presentations with the broader Android and App Engineering teams and Engineering Managers in internal tech talks, discussing cross-team efforts, best practices, and Android specifics.
- Android tech reference in business discussions for new features, enhancements, and roadmaps, analyzing feasibility, proposing solutions, and leading cross-team initiatives.
- Introduced Jetpack Compose to the Android application, granting interoperability with existing code.

🏅 Won the annual HOMER mobile apps team Hackathon.

Specialist Android Software Developer
Zup Innovation

09/2020 - 06-2021   *Campinas, SP, Brazil (Remote)*

Tech company, software consultancy and development center specialized in the banking industry, also being a creator of innovative OSS products focused on developer experience, software development and deployment.

- Built a main feature in a mobile banking app for one of the largest private banks in Brazil, with 99.8% crash-free users, 4.8 stars in Google Play, more than 10 million downloads and over 400k DAUs.
- Worked on feature modularization by repository, building solutions and laying the groundwork for other teams.
- Recognized as technical reference in Software Engineering, frequently helping in cross-team initiatives.
- Active participant in product discussions and business decisions with the rest of the team, providing technical perspective, insights and feedback, analyzing feasibility and proposing solutions to achieve the objectives.
- Worked on several internal SDKs and libraries on an inner source environment, introducing features, fixing issues, and pushing towards high-quality deliveries through code reviews and pair programming.

Software Developer
Dextra (now CI&T)

07/2019 - 08/2020   *Campinas, SP, Brazil*

Software consultancy and development center with a wide variety of national and international clients in several industries, being one of the pioneers in widely adopting Agile methodologies in Brazil.

- Enhanced app features and proactively troubleshot bugs and crashes in the sports app of the largest TV network in Brazil, consuming GraphQL APIs, and being recognized as reference in development and testing.
- Improved stability and architecture while working as lead Android developer on a redesign in the main app of one of the biggest currency exchange companies in Brazil, with a tight deadline and a fast-paced environment.
- Supported and mentored a group of interns for the 2020 Interns' Challenge Project, by teaching the basics of Dart and Flutter, and helping to build a cross-platform app from scratch.
- Shared knowledge by making presentations to the Android Guild about Kotlin, Coroutines, and Android testing.
- Mentored Junior and Mid-Level software developers across the organization.

Software Engineer
Eldorado Research Institute

03/2016 - 06/2019   *Campinas, SP, Brazil*

Non-profit research institute and software development center focused on energy, telecommunication and information technology industries with both national and international clients.

- Worked for a global smartphone OEM with globally distributed teams across US, China, Europe, and Brazil.
- Part of the Android Camera app team, a system app using Java and C++ libraries and in-house built framework.
- Traveled regularly to US headquarters to work on high-impact and complex projects.
- Developed internal imaging sharing tools including backend (GCP), web frontend, and Android app code.
- Mentored Junior and Intern team members from a technical perspective.
- 🏅 Won the Innovation award in the internal annual Hackathon.

EDUCATION

Electrical Engineering (Specialization: Computing)
Centro Universitário da FEI

2009 - 2014   *São Bernardo do Campo, SP, Brazil*

🏅 Prize for academic excellence granted by the Regional Council of Engineering of São Paulo State (CREA-SP).

Electrical and Computer Engineering (Exchange Student)
University of Rochester

2012 - 2013   *Rochester, NY, U.S.*

🏅 1 year scholarship fully funded by Brazilian Government to top students of science and related areas.