Global IT – Hilti Asia IT Services:

Mobile Application Developer (Android/iOS/Hybrid) - Intern

Responsibility for the mobile apps

The **Mobile Application Developer** reports directly to the Team Lead and the Head of Mobile Apps

We are looking for an Android/iOS/Hybrid developer responsible for the development and maintenance of applications aimed at a vast number of diverse Android/Apple devices. Your primary focus will be the development of Android/iOS/Hybrid applications and their integration with back-end services. You will be working along-side other engineers and developers working on different layers of the infrastructure. Therefore, commitment to collaborative problem solving, sophisticated design, and creating quality products is essential.

Your Profile

- Understand the requirements from business partners and the needs of target customers, translate the concepts into technical requirements, and translate designs and wireframes into high quality code (iOS, Android or Hybrid)
    - Design, build, and maintain high performance, reusable, and reliable code. Ensure the best possible performance, quality, and responsiveness of the application
    - Identify and correct bottlenecks and fix bugs
    - Improve and maintain code quality (e.g unit testing), organization (e.g branching strategy), and automatization (e.g continuous integration)

- Be a part of the project team
    - Be part of the technical discussion with backend development team, ensuring alignment and visibility in terms of E2E system and solution architecture across the team
    - Work together with business partners, app designers and project managers and produce mobile apps with cutting-edge technology
    - Ignite innovative ideas, initiate and lead development projects
    - Collaborate within the Global IT Team regarding concept design and implementation in-line with the business and IT strategy

- The recommended technical skill-set
    - Strong knowledge of Android SDK/Xcode/Swift/Cordova (including different versions) and how to deal with different screen sizes
    - Familiarity with RESTful APIs to connect Android applications to back-end services
    - Strong knowledge of Android/Google/Apple UI design principles, interface guidelines, design patterns, and best practices
    - Experience with offline storage, threading, and performance tuning
    - Ability to design applications around natural user interfaces, such as "touch"
    - Familiarity with the use of additional sensors, such as gyroscopes and accelerometers
    - Familiarity with integration of IoT solution (e.g Bluetooth or NFC technology) into Android/iOS platform
    - Knowledge of the open-source Android ecosystem and the libraries available for common tasks
    - Familiarity with Cloud message APIs and push notifications
    - A knack for benchmarking and optimization
    - Proficient understanding of code versioning tools, such as Git
    - Familiarity with continuous integration

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Decisive Criteria

Functional Expertise

- Bachelor (CGPA ≥ 3.5) / Master degree in IT, Computer Science / IT / Engineering
- Strong communication, presentation and stakeholder management skills
- Willingness to grow in technical expert or project management track in 5 years
- Interest in database design, backend development and prototype design
- Creative and willingness to enhance new ideas and methodologies
- Experience in agile software development
- Fluent in English (verbally and written)

Understanding the Business

- Ability to understand the requirements from business partners and translate the requirements into technical specifications according to the target customers
- Understand and practice the design and development principals agreed by the Mobile Apps team
- Recommend cutting-edge technologies in the mobile apps which will bring in business values for Hilti

Understanding and defining what needs to be done

- Ability to select the right tools for the development process for a given project
- Assist the project manager to understand the technical feasibility of the requirements
- Focus on opportunities, proactive ownership and avoid problems
- Creative, innovative and open-minded personality

Getting things done

- Show a strong "can-do" attitude and is willing to go "extra-mile"
- Achieve superior results on time and proactively communicate and harvest results
- Proactively communicate the project status to the stakeholders and development team

Working with others

- Work collaboratively within and across the team as needed
- Work closely with the project manager and the designer, follow-up on the project plan
- Excellent interpersonal, organizational, communication and team skills
- Able to accept and give constructive feedback

Developing yourself and others

- Maintain good development skill, stay up-to-date with the latest technology, tools, development standards
- Knowledge and experience sharing within and across the team
- Coach and support new joiners on design guidelines and standards

What do we not need

- Weak communication, introvert
- Silo thinker, "super hero", only talk and no action
- No solid direction in life
- Looking for short-term employment

Non-negotiable criteria

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- Proven track record as a developer
- Fluent in English (oral and written) on business level
- Willingness to learn and take up challenges

Your opportunities

- Freedom to act in the responsible area
- Career prospects in a dynamic environment, excellent opportunities to develop yourself to higher levels and wider range of knowledge

IMPORTANT: What do we need in your job application?

- A complete CV with
  - past and current employment
  - reasons to move for all the past employments
  - CGAP (Bachelor / Master / PhD)
- Degree transcript (Bachelor / Master / PhD)
- Why are you interested in Hilti?

HR Red Thread Formula

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