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| Core knowledges | Activity/View/Component lifecycle | - Understand the activity/view/component lifecycle, what and when relevant methods are called for initialling, running and destroying - Understand view state, state preserving and restoring  - Back-stack understading |
| Thread, background service and multitasking | - Have knowledge about app main thread, background thread, async task, using multiple threads to solve parallel jobs as well as how background service working |
| Multi device layout controlling | - Have experience to design and support view layout on: 1. Various device models 2. Various device screen densities |
| UI/UX design | - Have experience to design UI with user-oriented focus, amazing look and feel - Understand the user behaviour on handheld device to support best UX |
| API integration | - Have expericence to work with server-side API, e.g RESTful API, GraphQL, Websocket, etc |
| Platform native UI components | - Have experience working with platform native components(notification, navigation bar, dialog, search, etc) 1. Understand component use cases, context and lifecycle 2. Can use them correctly |
| Common device components | - Have experience working with common mobile device components such as bluetooth, location, camera, sensor, etc |
| Data Persistence | - Experience working with platform embedded storage engine such as SQLite - Knowledge about ORM framework |
| App testing | - Experience writing unit testcases using mocking frameworks such as Mockito, Espresso, etc - Experience working with automation testing frameworks such as Appium, Calabash, etc |
| Platform API versioning and compatibility | - Understand platform backwards compatibility - Use correctly APIs and features corresponding to platform version - Can use support libraries to use platform new features on old platforms |
| Third-party libraries | - Experience working with third-party libraries and APIs such as Glide, Retrofit, SDWebImage, etc |
| Design patterns and Object-Oriented Design | - Understand and use correctly common design patterns (Observer, Builder, Adapter, etc) - Experience in analyzing and designing platform structure in OO |
| Google/Apple Cloud services | - Experience working with Google/Apple cloud services such as Firebase, CloudKit, etc |
| Building tools and CI/CD | - Familiarity with native build tools, like XCode, Android Studio - Experience with bundler tools, like Webpack, Babel, etc - Experience working with CI/CD environment, like Jenkins, Gitlab CI/CD |
| Source version control | Have experience in using Source version control (CVS, SVN, GIT...) 1. Common usage with core commands (commit, checkout, reverse…) 2. Cooperate with others (resolve conflict, merge…) 3. Drive development workflow (branch, tag, code review...) |
| Cross platform/hybrid knowledges | React Native/Ionic/Xamarin platform | - Experience working in-deep with at least one cross platform/hybrid framework, like React Native/Ionic/Xamarin or PhoneGap |
| Plugin creation | - Understand and can create plugin when necessary to support native feature |
| State/data management libraries | - Familiar with state/data management libraries (Redux, Mobx, etc.) |
| Layer and reusability | - Experience in designing cross platform project layers(view/service/controller) to gain best reusable code and business logics |
| CSS, Javascript and Angular | - Experience working with related hybrid platform tools and frameworks such as CSS, Angular, Javascript/Typescript, JSX, etc |
| Coding styles | Code quality and reliability | - Code is clear enough for other peoples to read and understand what it does |
| Code optimization and reusability | - Optimize the code, remove redundant code for better performance  - Wrap common code or business logics in relevant utils/functions for reusability |
| Core review | - Comply common and platform-specific code review checklist |
| Code conventions | - Comply the programming language code conventions |
| Others | App publishing | Experience with releasing the app to market, comply to Google or Apple rules |
| Social networks integration | Experience with social networks integration(Facebook, Twitter, Google…) |
| In-app purchase, map, push notifications | Experience with In-app purchase, map, push notifications, etc |
| English communication skills | Read/Write skills Speak/Listen skills Certificate (TOEIC, IELTS, TOEFL) |