

Android Developer



MIRACL is an industry innovator in the Authentication Technology for the Internet Space, and the first Infrastructure as a Service (IaaS) company to provide software-based two-factor strong authentication for the cloud. Our break-through products combine state-of-the-art cryptographic protocols with an award winning user experience. MIRACL's identity-based authentication technology eliminates the need to store secret information on the server-side and solves acute security issues associated with the currently used authentication schemes.

Purpose of the role:

As an Android Developer you will develop and deliver mobile applications and libraries as a part of an innovative and cutting-edge information security platform. You will work as part of a small team focused on delivering a robust and secure software solution. A high level of proficiency in developing native Android applications will be required. You will be responsible for development and maintenance of the company's mobile applications and libraries. You'll be part of the products' architecture design process.

Your contribution to something big:

- Using agile methods, track, monitor, and appropriately manage the full development lifecycle for the code and the products that you and the team create
- Investigating, analysing and documenting reported defects
- Equally comfortable designing new greenfield solutions or performing maintenance and correction of defects
- Producing efficient, effective secure and robust code and solutions, on schedule for your estimates
- Assisting in the implementation of automated test frameworks
- Creating and maintaining technical documentation
- Following business priorities and making decisions based on the shared business goals of the organization

Our ideal teammate has:

- Proven software development experience and Android skills development
- Working proficiency with the Android SDK, Java
- Strong knowledge of Android UI design principles, patterns, and best practices
- Secure coding practices
- Help oversee code quality, organization
- Good level of spoken and written English

Your Personality:

- Ability to plan your activity and execute accordingly
- Self-starter, self-dependent and pro-active
- Ability to “own” components of a system, carrying responsibility over them and driving improvements
- An adaptable and positive attitude; problem solver
- Ability to provide good judgment under pressure
- Commitment to quality and a structured approach to the work
- Excellent team-worker

You will get brownie points for:

- Commercial experience with Android system facilities like camera, fingerprint sensor, secure key storage and others
- Experience with the C++ programming language, integration of C/C++ libraries into native Android applications and Android NDK is a big advantage
- Understanding of Android framework design and testing patterns
- Experience with alternative mobile platforms as iOS
- Experience with continuous integration
- Agile development methodologies