
ANDROID FIRMWARE ENGINEER RESUME

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Career Goal:

Looking for Android Firmware Engineer position in your organization and demonstrate my skills in firmware development preferably with exposure to Mobile and Android.

Technical Skills:

Familiarity with operation of hardware test tools:

- Protocol Analyzers
- Multimeters
- Logic Analyzers
- Oscilloscopes

Sound knowledge of BIOS fields:

- Memory algorithms
- Power and performance
- Advanced Configuration and Power Interface

Well-versed in USB device stacks:

- HID
- MSD
- CDC

Highly skilled in cryptographic algorithms:

- AES
- SHA
- RSA
- HMAC

Extensive knowledge of:

- Mass Storage Protocols
- UEFI
- Secure Boot loader
- Boot Camp drivers

Effectively worked with:

- Version control tools
- Bug tracking systems
- Debugging tools (emulator)

Adept in programming languages:

- C
- Java
- Python

Proficient with:

- ASIC system level architectures
- PCB design
- 8-bit to 32-bit RISC processor architectures

Relevant Experience:

Android Firmware Engineer
Sasken Communication Technologies
January 2012 – Present
Birmingham, AL

- Conducted technical training sessions for internal teams.
- Designed and installed C and C++ firmware components.

- Developed and implemented device drivers for Android operating systems.
- Coordinated with hardware engineers for debugging and resolution of problems.
- Supported firmware development processes as per established standards.
- Participated in maintenance and improvement of all product offerings.
- Prepared Mac and Android applications for existing software products.
- Created crypto libraries and maintained cloud computing services.

Android Firmware Engineer
Emerson Climate Technologies
November 2010 – January 2012
Kennesaw, GA

- Installed, configured and maintained Android services for mobile products.
- Managed, updated and programmed Android services for all network products.
- Participated in development and optimization of Android services.
- Designed, developed and validated wireless broadband systems.
- Supported interaction and optimization of Android devices with systems.
- Developed and documented firmware and APIs for mobile security devices.
- Coordinated with other teams for firmware designing and development of products.
- Analyzed, debugged and resolved technical issues with engineers.

Educational Background:

Bachelor's Degree in Computer Science
Frostburg State University
August 2006 – May 2010
Frostburg, MD

Professional Certification:

OESF Authorized Certification Engineer for Android (ACE) July 2010

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