

SMITHA N

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CAREER OBJECTIVE To gain a challenging role in the field of Engineering, to work on the new technology and practical applications being in a dynamic team, which enhance technical skills and fosters professional growth.

PROFILE Talented Software Engineer with B.E degree, strong educational background and 1.8 years of experience in development, integration, testing and implementation of Mobile Software. Articulate and professional communication skills. Productive in Team based and self-managed projects, dedicated to up to date industry knowledge and IT skills.

Knowledge and Skill areas:

- Software Development Lifecycle.
- Universal Plug n Play.
- Android Application UI development.
- Wireless Communication (GSM, WCDMA, LTE).
- Software Engineering, Testing and Troubleshooting.
- Scripting, Execution, Problem Analysis and resolution.

WORK EXPERIENCE *Software Engineer [Grade 1]* **November 2013 – Present**
LG Soft India Pvt Ltd.

PROJECT: Composer UI in LG Email App - Android Application Development.

- Have been working on User Interface implementation for LG Email Application.
- Responsible for implementing, debugging and profiling the new Product requirement Specification in LG Email application.
- Responsible for analysing and bug fixing on Android and Java platform.

PROJECT: Universal Plug n Play (UPnP) : Deployment of UDA 2.0

- Worked on the technology of network connectivity of intelligent appliances, wireless devices, smartphones and PCs.
- Individual responsibility was to provide IPv6 Dual Stack support, implemented and verified successfully by UCTT (UPnP Convergence Test Tool).
- Client Server model based project with the roots of networking which broadened the understanding of IPv6 Socket programming (TCP, UDP).
- Understanding and implementation of network protocols such as HTTP, SSDP, GENA, SOAP.
- Implementation in C++ on Windows platform, with hands on experience is Visual Studio, Wireshark, Intel Device Manager.

PROJECT: Automation Engineering

- Worked with Automation Team of Product Validation Group.
 - Responsible for developing Stress checklist and test cases for every LG mobile.
 - Develop Memory Stress, Menu-tree scripts for LG smartphones & feature phones.
 - With the knowledge of tools (ATS, ART, MLMT), Execution of the developed scripts, Checking for Device Reliability issues.
 - Provide root cause analysis of issues and Final Software Approval.
 - Ensure Quality Assurance of the product.
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TECHNICAL SKILLS

Programming:

- C, C++, Java, Android, Visual C++, MFC (Windows Programming), Git, Windows Socket Programming (IPv4 and IPv6).

Development Environment:

- Visual Studio, Eclipse, Android Studio.

Tools:

- QXDM, Automated Test System (ATS), All Round Testing tool (ART).

Self-learning:

- HTML, CSS, Javascript, XML, Basics of .Net.
 - Developed Android apps such as Memo , Calculator, Clock and Chat Window.
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EDUCATION

University Visvesvaraya College of Engineering, Bangalore University.

Bachelor of Engineering in Electricals and Electronics.

- One among Ten Toppers of University (80.91%).
- Selected Candidate for MHRD Central Scholarships.

Relevant Internship:

- Industrial In-plant Training at BHEL EDN - Control equipment, Sub Assembly, Semiconductors, Photo-voltaics, Engineering of Product groups.

Relevant Project works:

- HVDC prototype of a Homopolar link, at BHEL EDN - Demonstration of a HVDC prototype and simulation to realize the benefits.
- Microcontroller based Automatic Circuit Breaker, at BEL.

Additional information will be gladly provided on request