**Abha Chaturvedi**

302, Bhanji House, Dongri Galli, Versova, Andheri (West), Mumbai-400061

**Contact**: +91-9769082792; **E-mail:** abha.c06@gmail.com

To,

Whomsoever It May Concern

Subject: Application for the role of Android Developer

Dear Sir / Ma’am,

I am an experienced **Android Developer** with a background in developing a mobile application for an IoT (Internet of Things) based project.

Capitalizing on my app development experience, I am seeking a professional opportunity to contribute to your esteemed organization. I have attached my detailed resume herewith outlining my qualification and work experience.

I am looking forward to a rewarding association with your organization.

Thanking You,

Yours Sincerely,

Abha Chaturvedi

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| **M.Tech. (Electronics & Communication) – Gold Medalist** |

***Sincere and diligent professional offering a rich experience & seeking challenging assignments across the industry in the domain of Android application development***

**PROFILE**

* A **mobile application developer** offering a rich experience in **Android application development**
* **Expertise and technical proficiency in:**
* Programming in **Java** for **Android**
* Analyzing information system needs, application development, debugging and maintenance
* Excellent **customer relationship management skills** and **strong interpersonal skills**

**EDUCATIONAL CREDENTIALS**

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| --- | --- | --- | --- | --- |
| **Course Name** | **Branch/Discipline** | **University/ Board** | **Year of Passing** | **Percentage** |
| M.Tech. | Electronics & Communication | S.N.D.T. Women’s University, Mumbai | 2015 | 80.83 |
| B.E. | Electronics | Pune, Maharashtra | 2011 | 66.40 |
| HSC | Science | Mumbai, Maharashtra | 2007 | 76.50 |
| SSC |  | Mumbai, Maharashtra | 2005 | 80.40 |

**ACADEMIC ACHIEVEMENTS**

* Received **Smt. Shaila Mehta gold medal** for securing **1st rank** in M.Tech. 2013 - 2015 batch of **S.N.D.T. Women’s University**
* Among **top 10** students of G. H. Raisoni College of Engineering & Management’s B.E. batch (2011)

**TECHNICAL SKILL SET**

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| **Domain:** | Android Application Development |
| **Operating system:** | Windows XP/Vista/ 7/8/8.1/10, Mac OS, Linux |
| **Languages:** | Core Java |
| **Software:** | Eclipse, NetBeans, Android Studio |
| **Tools:** | Android SDK Platform Tools, Firebase, Google SDK, Facebook SDK, JSON, XML, SQLite, Location based APIs, UI/UX Integration, Material Design integration, TCP/IP and SSL integration |
| **Documentation:** | Microsoft Word/Excel/PowerPoint, LaTeX, Xfig |

**PROFESSIONAL EXPERIENCE**

**NEUROLINX SOFTWARE TECHNOLOGIES PVT. LTD. *From 1st Jan, 2017 to present***

**Android Developer**

* Java Application (Image Processing for **Red Eye Removal**)
* Android Application for **Gait Detection** using Google Android APIs and Machine learning
* Currently responsible for the development of Android application which communicates with the **IoT system** of a smart home application
* Incorporated **Google** and **Facebook SDKs**, **JSON** parsing for remote data fetching, **SQLite** for local data storage along with **voice recognition API**

**DIRECTORATE OF FORENSIC SCIENCE LABORATORIES (Maharashtra Govt.) *From 21st May, 2015 to 17th May, 2016***

**Scientific officer**

* Worked in **Tape Authentication and Speaker Identification** department
* Responsible for analyzing crime cases based on **audio/video/image evidence** received from Law Enforcement Agencies

**USHA MITTAL INSTITUTE OF TECHNOLOGY *From 7th Jan, 2015 to 30th March, 2015***

**Programming faculty for B.Tech.**

* Conducted practical sessions on **MATLAB** and **Octave programming** for B.Tech. students
* Designed exercise questions
* Conducted and graded examinations on the same

**WIPRO BPO LTD. *From 19th July, 2011 to 1st July, 2013***

|  |
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| **Key achievements**  ~ Stood first in post training assessment  ~ Won recognition from Wipro for having the **highest customer satisfaction score** |

**Senior associate**

* Provided tier 1 support to end users of **British Telecom**. During problem escalations, act as a liaison between customers and Tier 2 support
* Provided **troubleshooting** and **technical support** for broadband related issues

**M.TECH. RESEARCH & PUBLICATIONS**

**(A) Project Name: Adaptive parametric estimator for complex valued images**

**Topic Description**: This project is focused on the design of a despeckling filter for synthetic aperture radar images using a statistical estimator. Speckle degrades the image quality and makes the interpretation difficult. The aim is to provide a filtering mechanism that reduces speckle and preserves the fine image details.

**Publication:** Paper on the above work presented in **“International Conference on Technologies for Sustainable Development (ICTSD-2015)”** and published in **IEEE Xplore** Digital Library

**(B) Project Name: Homomorphic Filtering Approach for SAR Images**

**Topic Description**: This research is aimed to review the efficiency of homomorphic filtering as a means of despeckling synthetic aperture radar images. The multiplicative model of speckle noise is converted to an additive model in order to make the despeckling process easier.

**Publication:** Paper on the above work presented in **“Eighth India International Geographical Union (IGU) Conference on Landuse, Water, Climate and Urban Health in Changing Urban Environments”**

**WORKSHOPS AND SEMINARS**

* **Volunteered** a workshop on **LaTeX software** training for **scientific paper writing** at Usha Mittal Institute of Technology for P.G. Dept. of Computer Science
* **Attended** a four-day National Symposium on **Distributed & Embedded High Performance Computing** (DE-HPC 2016) at the Indian Institute of Technology (IIT) Bombay

**Personal Details**

**Date of birth:** 06th February, 1990

**Present address:** 302, Bhanji House, Dongri Galli, Versova, Andheri (West), Mumbai-400061

**Permanent Address:** 8-A/201, Jyoti C. H. S. Ltd., (Opp. C. E. S.), D. N. Nagar, Andheri (West), Mumbai-400053

**Passport Number:** M7532271 (Valid up to 23rd March, 2025)

**Languages known:** English, Hindi & Marathi

**Phone No.:** +91 22-26303148