

# Babnish Vyas

7-B Shatabdi Vihar, Sector 61, Noida, India

✉ babnish95@gmail.com

☎ +91 72 2300 3847

in in/babnish-vyas-26b819152

## SUMMARY

---

- Experienced Software Engineer with a demonstrated history of working in the computer software industry. Skilled in C++, Python, Java, SQL. Strong engineering professional with a Bachelor's Degree focused in Computer Science and Engineering from Maulana Azad National Institute of Technology, currently working in Samsung Research Institute.

## PROFESSIONAL EXPERIENCE

---

### **Samsung Research Institute - Noida, India**

*Graphics performance and current optimization* - Analyze the status on Graphics performance and power of system and participate individual optimization.

*Test design and quality management* - Design test for verifying graphics software and performance quality test.

Working on various graphics modules like SURfaceFlinger, ExSurfaceFlinger, HWC, Skia, HWUI,

Hands on various performance tools like Snapdragon profiler, Systrace, 7YUV.

## TECHNICAL SKILLS & KNOWLEDGE AREAS

---

- Programming Language – C, C++, JAVA, Python
- SQL, SQLITE
- Data Structure and Algorithms [good]
- Machine Learning

## PROJECTS

---

### **Android Graphics composition prediction using neural networks** 2019

- predicting composition type on the basis of various performance factors like temp, current, memory, cpu frequency, gpu frequency, brightness, gpu usage etc.

### **Porting and code maintenance** 2018-2019

- ported various related graphics modules like BootAnimation, LPM, Fingerprint Mask from android P to android Q in different Samsung QCOM based models

### **Roll Call** 2018

- Worked on an android app to record attendance.
- Used Android studio, SQLite.

### **News Reader Application** 2017

- Implemented News Reader an android app using Hackernews API.

## EDUCATION

---

Maulana Azad National Institute of Technology

Bhopal, India

B.Tech  
Computer Science and Engineering

July 2014 – May 2018

- Cumulative GPA – 7.76

Ashoka Sen. Sec. School  
Senior Secondary

Sirhind, Punjab  
April 2012 – March 2013

- Percentage 92%.

Ashoka Sen. Sec. School  
Higher Secondary

Sirhind, Punjab  
April 2010 – March 2011

- Percentage 83%.

## ADDITIONAL ACTIVITIES

---

- Member of Rotract Club MANIT Bhopal
- Appointy Hackathon 2017 - Participated in hackathon hosted by Appointy bhopal and designed API to place and return order in dot-net core framework.
- Movies,Tv-series,cricket