

# Harshil Yadav

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## EXPERIENCE

### **SAMSUNG RESEARCH** | SOFTWARE ENGINEER

Jun 2018 – Present | Noida, India

- Currently working in Knox Enterprise Framework TG under the Biz Solutions R&D division.
- Revamped the Domain Filter cache design to reduce overhead API calls.
- Devised Knox MultiVPN framework to support multiple per-app VPN connections.
- Developed an Enterprise Billing system for the operators to generate bills separately for personal and enterprise traffics.
- Upgraded Knox Workspace Keyguard module codebase from Android P to Android Q and undertook unification with Google's Work profile.
- Boosted the Secure Folder Keyguard performance by 30% which has more than 1 billion application downloads on Play Store.
- Monitored ongoing operation of assigned projects and responded to problems by diagnosing and correcting logic and coding errors.
- Collaborated internationally with Samsung HQ and SRA on flagship smartphones feature development.
- Tech Stack: Java, C++, Android Framework, Samsung Knox SDK, JIRA, Perforce, GIT

### **ALTRAN** | SOFTWARE ENGINEERING TRAINEE

Dec 2017 – Jan 2018 | Gurgaon, India

- Worked in Analytics and Research department. The key objectives were social media analysis using System Dynamics.
- Developed a hybrid Machine Learning-System Dynamics model using R and Vensim for analysis and prediction of key metrics in the Global Connectivity Index dataset.
- Carried out Twitter Sentimental Analysis and its visualization using Python and NodeXL on popular trends of the IoT domain.
- Tech Stack: Python, R, Vensim PLE, NodeXL, Twitter API

### **SAMSUNG RESEARCH** | SOFTWARE ENGINEERING INTERN

Jun 2017 – Jul 2017 | Bangalore, India

- Worked in the Samsung Pay team on the "Wallet Hub" project.
- Developed a messaging application to let users perform money transactions through special keywords using SPay and integrated it with the Samsung Pay app.
- Designed card payment functionality in Samsung Pay SDK for SPay Mini supported devices.
- Tech Stack: Java, Android, Samsung Pay SDK, Perforce

## ACHIEVMENTS

- Gold badge in Java and Problem Solving on HackerRank.
- Secured 4th rank in Samsung Noida Codeathon.
- Solved more than 300 questions on competitive programming websites.
- Finalist in SPARK 2, ShopClues Hackathon 2017.

## SUMMARY

Successful Software Engineer offering more than 2 years of experience in demanding environments focused on producing cutting-edge systems. Skilled in development with creative and performance-oriented approach. Well organized and customer-focused with proven skills in project management and team leadership.

## EDUCATION

### **NETAJI SUBHAS INSTITUTE OF TECHNOLOGY**

B.E. IN COMPUTER ENGINEERING

Aug 2014 - Jun 2018 | Delhi, India

CGPA : 8.02

### **N.C. JINDAL PUBLIC SCHOOL**

CLASS XII, AISSCE

March 2014 | Delhi, India

Percentage : 94.6%

CLASS X, AISSE

March 2012 | Delhi, India

CGPA : 10.0

## SKILLS

### **PROGRAMMING LANGUAGES**

Java • C++ • C • R • Python

### **COMPUTER SCIENCE**

Data Structures • Design and Analysis of Algorithms • Operating Systems  
Computer Networks • DBMS • Object Oriented Programming

### **TECHNOLOGIES**

Android • SQL • Firebase • Git •  
Perforce • JIRA

## LINKS

Website:// [HarshilY](#)

LinkedIn:// [harshilyadav](#)

Github:// [yharshil](#)