

# Gaurav Chaddha

Software Engineer (Android)

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Self-motivated software engineer with 1+ years of experience developing modern android apps for leading companies. Spearheading overhaul of apps and task edge for Samsung Galaxy S10. Increased data transfer rate by 200% at Intugine Tech. A passionate and curious team worker.

## EXPERIENCE

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### Samsung R&D Institute

*Software Engineer*

Noida, India  
July 2018 - Present

- Spearheading overhaul of apps and task edge for Galaxy S10
- Restructuring and maintaining quick tools and yahoo apps

### Samsung R&D Institute

*Software Engineer Intern*

Noida, India  
Jan - May 2018

- Boosted security of apps by providing a security solution for android
- Improved battery life by 40% for Samsung Go platform
- Upgraded quick tools to achieve 95% accuracy

### Intugine technologies

*Software Engineer Intern*

Bangalore, India  
May - June 2017

- Conceptualized and engineered complete architecture and api of 'Nimble'
- Increased data transfer rate by 200% by subscribing to ble notifications
- Optimized automatic reconnection of the wearable and app
- Redesigned 'point and control' and 'custom gesture detection' algorithms with 92% accuracy

### Witworks

*Software Engineer Intern*

Bangalore, India  
May - Jun 2016

- Built core 'Blink' applications like system, dialer and fitness
- Formulated fitness tracking algorithm with 96% accuracy
- Reduced latency by 90% for voice command using bluetooth sco mode

## SKILLS

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- Team player, enthusiastic, positive attitude, hard-working
- Proficient in data structures, problem solving, end-to-end coding, git, security, debugging
- Adept at java, oops, design patterns, generics and java 8
- Skilled in mobile development: android, rxjava, dagger, mvp/ mvvm/ mvi patterns, architecture components, material design 2, retrofit, picasso, room, sensor and ble api
- Passionate for system design, functional reactive programming, machine learning, back-end development

## PROJECTS

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### Sangeet

A beautiful music player made with material design 2, architecture components, dagger, rxjava and mvi state management

### Rakshak

An end-to-end encrypted email client using imap, smtp with aes and rsa algorithms

## EDUCATION

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### Birla Institute of Technology, Mesra

Bachelor of Engineering - I.T. *GPA: 8.78*

Ranchi, India  
2014 - 2018

- Won 2nd prize representing college at 'Smart India Hackathon'
- Wrote article on rxjava with 5k+ views
- Organized and participated in hackathons and capture-the-flag events