

PRITESH SANKHE
priteshsankhe.com
ANDROID DEVELOPER

Android Apps on Play Store

[Toppr](#) - Online Prep App for Entrance Exams in India
(500K+ downloads, rating 4.5/5 over 20000+ reviews)

[Skim](#) - Flipboard for Adventures

Android Nanodegree

[Nanodegree](#)
Graduated from Google & Udacity Android Nanodegree in May 2016

Patent & Publications

[Film To DICOM Conversion](#)
US 2015-0254401 A1

A Step towards a Robotic System With Smartphone Working As Its Brain : An Assistive Technology ([link](#)) Publisher: IEEE

Work Experience

[Toppr.com](#)

Team Lead, Android, Mumbai [Jun'15 - Current]

- Lead Android team of 4 members.
- Initiated the Doubts on Chat project where students can chat with experts to solve doubts. Launched an MVP, used customer feedback to reach product market fit and successfully launched it on scale.
- Spend time majorly on Android dev, product and code reviews

[Lumos Automation](#) - Switch to a Smart Home

Co-founder & CTO, Ahmedabad [Sept'14 - Apr'15]

- IoT startup focussed on making electrical switches smarter by use of sensors and sensor data. Failed to reach product-market fit.
- Built app and backend architecture, interfaced hardware & software
- Experimented on ML algorithms to find patterns in sensor data
- Technologies : Android, AWS, R, NodeJS, Mongo

Morgan Stanley Advantage Services

Strats Developer, Consultant, Mumbai [Apr'14 - Nov'14]

- Complete ownership of the legacy system for fund admin operations and enhanced it for scalability, user experience and useful feature
- Technologies : JAVA, SQL, Perl (legacy code)

Ricoh Innovations Pvt. Ltd.

Associate Engineer, Bangalore [June'13 - Apr'14]

- Patented work on segmenting MRI scans and DICOM conversion
- Built software on top of algorithms to integrate it into healthcare product
- Technologies : OpenCV, MATLAB, C, C++, Visual Studio

Internships

[Caltech Community Seismic Network](#)

California Institute of Technology, California, USA [May - July'2012]

- Community Seismic Network is a distributed sensor network that seeks to detect seismic activity and issue early warning alerts
- Developed a robust Android client interfaced to sensors to detect seismic motion and relay sensor data to Google App Engine.
- Technologies : Android, Google APIs, Sensors

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Android Engineer

Biosense Technologies, Mumbai

[May - July'2011]

- Designed and Developed an Android app that interfaces with medical sensor 'TouchHb' which is a non-invasive, anemia scanner
- Contributions to this project recognized at TED Global 2012 by Myshkin.
- Technologies : Android, UX Design, Embedded Systems

Technical Skills

- | | |
|---------------|-----------|
| • Android SDK | • OpenCV |
| • JAVA | • Node.js |
| • C, C++ | • R |
| • MATLAB | • ML |

Projects

A Robotic System with Smartphone Working as its Brain As An Assistive Technology (B.Tech Thesis)

[Jan - Sept' 13]

- Developed a proof-of-concept of a smartphone based robotic system as that facilitates disabled people to navigate effectively
- This system could take a form factor of a smartphone mounted electric wheelchair which responds to the tactile and head movement input commands
- Technologies : Android, Embedded Systems, OpenCV for android

Library Books Recommendation System for students of IIT

Gandhinagar ([link](#))

[Jan - Apr'2012]

- Developed an Android App 'bookOverflow' which syncs library books issued by students and serves as a reminder when they are due.
- Built a basic recommendation engine using MySQL based on concept of collaborative filtering. This was a datamining course project.
- Technologies : Android, SQL, PHP, Google APIs

Education

Indian Institute of Technology, Gandhinagar

July 2009 - 2013, CGPA - 8.17 (on a scale)

B.Tech in Electrical Engg with minors in CS

The D.G.Ruparel College, Mumbai

2006 - 2008, HSC, 91%

St. Dominic Savio High School, Mumbai

2006, SSC, 93%