

# Anil Singh

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EDUCATION	<b>B.E in Computer Engineering, Senior Year</b> 2014 - 2018 <b>Pimpri Chinchwad College of Engineering,Pune, India</b> <ul style="list-style-type: none"><li>Aggregate <b>70.67%</b> (May 2017)</li></ul> <b>High School</b> - Smt Mhalasakant Junior College (HSC) - 85.38% 2012 - 2014 <b>Secondary School</b> - C.M.S High School (SSC) - 86% 2002 - 2012
TECHNICAL SKILLS	<b>Languages</b> - C, Java(Core), C++, JavaScript(Basic) <b>Tools/Frameworks</b> - Android Studio, Google Firebase, Fabric Crashlytics, Bugsnag, Java Native Interface, STL, OpenGL ES, Facebook Audience Network, AppLovin, Vungle.
SELECTED PROJECTS	<ul style="list-style-type: none"><li><b>Implement Concept of Smart Classroom(B.E Project)</b> : Design and development of a system that provides automation of all electrical equipments, centralised access to student data stored on cloud and control all equipments of classroom via smartphone, gesture recognition for projectors,smart attendance manager.And also design and develop a smart document viewer with integrated web-assistant.</li><li><b>Video Optimiser</b> : An android app which transcodes video's and removes unnecessary bits of data without comprising video quality and video resolution and also can resize video upto 4k.</li><li><b>VSRecorder-Screen Recorder and Video Editor</b> - An android app which records screen, make reaction video's(with locally stored / youtube video's), allows advanced video editing features like video cropping, scaling, rotating ,video compression, recording audio from smartphones mic and adding audio tracks to video,converting MP4 to GIF.</li><li><b>VR CAM -Camera App</b> : An android camera app with various image filter using OpenGL ES including face beautification filters and low-light filters .It supports photo clicking, video recording, making collage and provides build-in image editor.</li><li><b>Video Processing Library</b> : Developed a library purely based on android which supports advanced video editing features like video cropping, scaling, rotating ,video compression, applying video filters.</li><li><b>New File Format</b> :Designed and developed a new file format for documents file format which supports embedding text, images, video, gifs, links, embedded documents, web pages into document.</li><li><b>MyParking App</b> :Developed an android client and server app, the server app detects human faces via android camera and matches faces stored in database using Microsoft's Cognitive Face Recognition API, after finding a match the client app displays route to empty parking slot based on layout of parking area provided by server app.</li><li><b>PaperCrypto</b> : An android viewer and editor for new file format which provides three security layer which includes Google Authenticon, password protection and device MAC address verification using mac addresses stored in file. This file is encrypted using Facebook Conceal.</li></ul>
ACHIEVEMENTS AND AWARDS	<ul style="list-style-type: none"><li>One of the top 210 teams from approx 83,000 teams in <i>TCS Codevita 2015</i>.</li><li>Runner's up of College of Engineering, Pune flagship event <i>PseudoResearch</i>.</li><li>One of the top 6 teams of 24hr Hackathon held by College of Engineering, Pune.</li><li>Sucessfully conducted college event Shut The Bugs Up!.</li></ul>
HOBBIES	Playing cricket and football.