

Pratik Upacharya

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Selected Projects	<p>All projects available on github : https://www.github.com/upa8</p> <ul style="list-style-type: none">• Productivity Assistant : Designed and developed an AI product for Xoriant Hackathon in 2016 which works like Amazon Echo Dot for web. Implemented multiple Google API in Nodejs like speech to text, text to speech, distance etc. Youtube :- Demo link• Autonomous Robot Car : Implemented multi-threading in python to perform asynchronous task like controlling car, obstacle detection, image processing etc. Increased the number of message transfer between raspberry pi and computer by 10 times by implementing websocket over http which further reduces number of tcp connections. Created android application to control car.• Device Tracking System - Created a web and android application to track android device at real time using background services and GCM. Reduced battery and data usage by 37 percent by using efficient algorithm for background services with timer. Implemented this concept in "Trabus" android application to find and track buses in city at real time.• E-Greeting Cards Platform (Cupidic.com) : Designed and developed "E-Greeting card" web application to send greetings to friends by customizing predefined templates. Created templates like 3D rotating cube in D3.js with 6 images around each side of cube and one heart shaped animation with flowers.• Thane Traffic App : SOS application especially build for women safety in thane. Increased productivity and usefulness of application by implementing push notification system to send alert using GCM.
Experience	<p>Associate Software Engineer, Xoriant, Pune Aug, 2016 - Current Developing a web service API in a mission critical, security sensitive environment using Nodejs. Responsible for writing api, automating deployment by shell scripts, gulp automation, documentation of source code, writing unit tests. Continuously learning and improving skills. Fulfilling clients requirements using Elastic search, MongoDB, AngularJS and several javascript libraries.</p> <p>Full Stack Developer, Twheelo, Nagpur May, 2015 - Current Build a web and android application for renting two wheeler. Implemented retrofit library to reduce http connection time by 100 times than in-built Apache http connection in android.</p> <p>Full Stack Developer Intern, EnegeryLabs , Nagpur June, 2014 - Aug, 2015 Learned android and web development, build "Thane Traffic App" for thane city which was launched by Mr. Amitabh bachchan on 27 feb 2015. Build back-end web application to manage questions, user answers and admin rating on users answers for "whatsyourexcuse.co".</p>
Technical Skills	<p>Languages : Java, Javascript, Python, PHP, HTML, CSS, Sql</p> <p>Tools/Frameworks : Nodejs, AngularJs, MongoDB, Redis, Git, Gulp, Android, Mysql, Postgres, LaTeX, Raspberrypi, OpenCV, AWS, junit etc</p>
Education	<ul style="list-style-type: none">• B.Tech in Computer Science 2012 - 2016 Ramdeobaba College Of Engineering, Nagpur, India CGPA of 6.47/10• High School - Jai Hind Senior College, Dhule (MSBSHSE) - 78.67% 2010 - 2012• Secondary School - Jai Hind High School, Dhule , Maharashtra (MSBSHSE) - 95.09% 2000 - 2010
Achievements and Awards	<ul style="list-style-type: none">• Won Xoriant Hackathon in Dec 2016.• Won gold medal in Hackerrank-Week of code 17 by securing 52nd rank amongst 3576 participants.• First Runner up in an overnight coding competition in a national event called COMPUFEST held in YCC.• Felicitation by Mr.Amitabh Bacchan and Thane Police for creating android application named 'Thane Traffic app'.• Conducted a workshop on Android Application Development for 200 student in RCOEM (Feb 2015)
More	Please visit https://upa8.github.io