

# Saurabh Vijay Palaspagar

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EDUCATION	<b>New Jersey Institute of Technology</b> <b>Vidyalankar Institute of Technology</b>	M.S. Computer Science B.E. in Computer Engineering	Aug 2015 - May 2017 May 2009 - May 2013
CORE COURSES	Data Mining, Discrete Mathematics, Algorithms and Data Structures, Data Management Systems and Design, Internet and Higher Layer Protocols		
SOFTWARE EXPERIENCE	<b>Software Developer, GEP</b> Mar 2015 - Aug 2015 <b>SMART by GEP   Sourcing Team</b> : ASP.Net, C#, JavaScript, SQL <ul style="list-style-type: none"><li>❑ Implemented Email Log functionality for SMART in Auctions and RFx. Modified stored procedures to store email and retrieve modified email templates</li><li>❑ Revised WCF channel closing code for partner functionality &amp; rectified common HTTP GET dependency sourcing module</li><li>❑ Introduced, revised and implemented status in RFx and Auction</li></ul> <b>Freelance Software Developer</b> Mar 2014- Feb 2015 <b>Freelancer</b> : Android, ASP.Net, C#, SQL, HTML, XML <ul style="list-style-type: none"><li>❑ Build booking systems in MVC framework, travel concession rules and created DB hierarchies</li><li>❑ Developed android applications for local businesses and startups</li><li>❑ Worked with a team of three in authentication for multiple client android applications</li></ul>		
PROJECTS	<b>ConnectU, NJIT</b> Spring 2016 <ul style="list-style-type: none"><li>❑ Developed the Android client that handles Authentication, interaction with REST API and designed complete UI</li><li>❑ Used Google's Open Source Volley HTTP library for networking with REST API for authentication</li><li>❑ Programmed 32 bit authentication code transfer in pure NFC packets from one device to another for adding connections</li></ul> <b>Make Or Break, Hack NY</b> Spring 2016 <ul style="list-style-type: none"><li>❑ Developed a native Android app to connect people who can fix broken things cheaply within a certain radius</li><li>❑ Used Clarifai API for tags generation of the uploaded image and made calls to API that used Capital One for transaction</li></ul> <b>Check In, Hack BU</b> Spring 2016 <ul style="list-style-type: none"><li>❑ Build a Android client to use ZXing open source image processing library for QR codes generation and scanning</li><li>❑ Designed the interface screen for validating the attendees and in app scanning of QR codes on Pebble watch</li><li>❑ Most innovative Hack by GE and best use of Amazon Web Services</li></ul> <b>Leapper, HopHacks</b> Spring 2016 <ul style="list-style-type: none"><li>❑ Build a Chrome Extension to work with Leap Motion JavaScript API for controlling cursor using index fingers</li><li>❑ Mapped hand gestures for scrolling and point select functionality using Leap controller and WebSocket connection</li></ul> <b>Chappi - Messenger Bot, Hack RU</b> Spring 2016 <ul style="list-style-type: none"><li>❑ Build my first FB messenger bot that uses BotKit library and hosted it on local tunnel with Node.js in the backend</li><li>❑ Used WebHooks in Node.js to implement a basic sentence recognition for the bot</li><li>❑ Designed a small interface that displays the requested item inside the chat box</li></ul> <b>Wearable Gestural Interface,VIT</b> Aug 2012 - April 2013 <ul style="list-style-type: none"><li>❑ Used WUW_v0.1 beta version of SixthSense code to integrate with Google maps for internal maps application</li><li>❑ Used the OpenCV algorithm in SixthSense to develop a paint and camera application for WGI</li><li>❑ Implemented dependency injection framework on top of SixthSense beta version</li></ul>		
SKILLS	<b>Languages:</b> <u>Proficient:</u> Java, C#, SQL, JavaScript, HTML/CSS   <u>Familiar:</u> Python 3.5, C, C++ <b>Database:</b> SQL Server, MySQL, Oracle, Flask <b>Back-End:</b> ASP. Net, Java, RESTful API's, Gradle <b>Development Tools:</b> Android Studio, Visual Studio 2013, Git, TFS, Eclipse, Unity, Matlab <b>Operating Systems:</b> Linux(Ubuntu), Android, Windows <b>Wearable Technology:</b> Leap Motion, Oculus Rift, Pebble Watch		
ACHIEVEMENTS	<b>Best use of Capital One API for Make or Break</b> application, Hack NY, Spring 2016 <b>Most Innovative Hack (General Electric) for ConnectU</b> , Hack BU, Spring 2016 <b>Best use of Amazon Web Services for ConnectU</b> , Hack BU, Spring 2016 Dale Carnegie Step-up to Professional Excellence Program, 2013		