Saurabh Vijay Palaspagar

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| **EDUCATION** | **New Jersey Institute of Technology** | M.S. Computer Science | Aug 2015 - May 2017 |
| | **Vidyalankar Institute of Technology** | B.E. in Computer Engineering | May 2009 - May 2013 |

CORE COURSES
Data Mining, Discrete Mathematics, Algorithms and Data Structures, Data Management Systems and Design, Internet & Higher Layer Protocols, Machine Learning, Cloud Computing

SOFTWARE EXPERIENCE

Research Assistant, ITS Department of Transportation NJ, NJIT   Sep 2016 - Present
Working on effective ways to transfer data updated on the servers and running simulation across the network

Medymology, Rutgers, www.medymology.com   Summer 2016
Used AngularJS, JavaScript, PHP and MySql to build the website for opensource Medymology project
Currently working on authentication and admin panel for editing the terms added to the medical database

Software Developer, GEP   Mar 2015-Aug 2015
SMART by GEP | Sourcing Team : ASP.Net, C#, JavaScript, SQL
- ❏ Implemented Email Log functionality for SMART by GEP in Auctions and RFx. Modified stored procedures to store email and retrieve modified email templates
- ❏ Revised WCF channel closing code for partner functionality which is used for communication between server and client
- ❏ Rectified common HTTP GET dependencies in sourcing module
- ❏ Introduced, revised and implemented new status for RFx and Auction

Freelance Software Developer   Mar 2014- Feb 2015
Freelancer : Android, ASP.Net, C#, SQL, HTML, XML
- ❏ Build booking systems in MVC framework, travel concession rules and created DB hierarchies
- ❏ Developed android applications for local businesses and startups
- ❏ Worked with a team of three in authentication for multiple client android applications

PROJECTS

ConnectU, NJIT   Spring 2016
- ❏ Developed the Android client that handles Authentication, interaction with REST API and designed complete UI
- ❏ Used Google's Open Source Volley HTTP library for networking with REST API for authentication
- ❏ Programmed 32 bit authentication code transfer in pure NFC packets from one device to another for adding connections

Check In, Hack BU   Spring 2016
- ❏ Build a Android client to use ZXing open source image processing library for QR codes generation and scanning
- ❏ Designed the interface screen for validating the attendees and in app scanning of QR codes on Pebble watch
- ❏ Most innovative Hack by GE and best use of Amazon Web Services

Leapper, HopHacks   Spring 2016
- ❏ Build a Chrome Extension to work with Leap Motion JavaScript API for controlling cursor using index fingers
- ❏ Mapped hand gestures for scrolling and point select functionality using Leap controller and WebSocket connection

Chappi - Messenger Bot, Hack RU   Spring 2016
- ❏ Build my first FB messenger bot that uses BotKit library and hosted it on local tunnel with Node.js in the backend
- ❏ Used WebHooks in Node.js to implement a basic sentence recognition for the bot
- ❏ Designed a small interface that displays the requested item inside the chat box

Wearable Gestural Interface,VIT   Aug 2012-April 2013
- ❏ Used WUW_v0.1 beta version of SixthSense code to integrate with Google maps for internal maps application
- ❏ Used the OpenCV algorithm in SixthSense to develop a paint and camera application for WGI
- ❏ Implemented dependency injection framework on top of SixthSense beta version

SKILLS

Languages:	Proficient: Java, C#, SQL, JavaScript, HTML/CSS	Familiar: Python 3.5, C, C++
Database:	SQL Server, MySQL, Oracle, Flask
Back-End:	ASP. Net, Java, RESTful API's, Gradle
Development Tools:	Android Studio, Visual Studio 2013, Git, TFS, Eclipse, Unity, Matlab
Operating Systems:	Linux(Ubuntu), Android, Windows
Wearable Technology:	Leap Motion, Oculus Rift, Pebble Watch

ACHIEVE-MENTS

Best use of Capital One API for **Make or Break** application, Hack NY, Spring 2016
Most Innovative Hack (General Electric) for **CheckIn**, Hack BU, Spring 2016
Best use of Amazon Web Services for **CheckIn**, Hack BU, Spring 2016
Dale Carnegie Step-up to Professional Excellence Program, 2013